A8050-1A

News Release

FOR RELEASE: November 25, 1985
Contact: Charles Pollock
Michael Codel

MACHINE TOOL ORDERS FOR OCTOBER UP 33%

The National Machine Tool Builders' Association reported today that October orders for new machine tools totalled over $231 million, up 33% from September. Cumulative orders for the first 10 months of 1985 totalled $2.16 billion.

"This is a welcome pick-up in industry activity, as many orders had been put on hold during the usual summer doldrums," commented James A. Gray, Association president. "I am gratified that the summer decline in activity has ended.

"Based on figures from the first 10 months of 1985, total orders for the year should end up just under $2.6 billion. This is somewhat less than 1984's total of $2.9 billion, but considerably better than 1982 and 1983, when orders averaged only $1.6 billion. Still, the industry has a long way to go to recover to its 1980 level, of $4.8 billion."

Orders for metal cutting machine tools, at $158.3 million, increased 27.6% in October, while shipments of $130 million were off 25.7% from September.

(more)

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Metal forming orders, totalling $73.3 million for October, were 46.5% above their September level. Metal forming shipments were $66.5 million, off 3.7% from the September total.

Machine tool order backlogs increased in October to $1.87 billion.

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COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

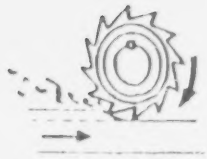
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
October 1985	137,150	21,150	158,300	68,750	4,500	73,250	205,900	25,650	231,550
September 1985	108,250	15,850	124,100	36,600	13,400	50,000	144,850	29,250	174,100
% Change									
Oct.1985:Sept.1985	+26.7	+33.4	+27.6	+87.8	-66.4	+46.5	+42.1	-12.3	+33.0
October 1984	176,650	15,100	191,750	71,550	20,300	91,850	248,200	35,400	283,600
% Change									
Oct. 1985:Oct. 1984	-22.4	+40.1	-17.4	-3.9	-77.8	-20.3	-17.0	-27.5	-18.4
Year To Date 1985	1,381,600	185,650	1,567,250	535,350	57,050	592,400	1,916,950	242,700	2,159,650
Year To Date 1984	1,402,650	194,050	1,596,700	787,050	64,900	851,950	2,189,700	258,950	2,448,650
% Change									
1985 : 1984	-1.5	-4.3	-1.8	-32.0	-12.1	-30.5	-12.5	-6.3	-11.8

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

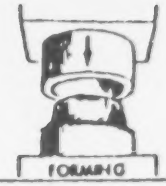
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
October 1985	114,000	16,000	130,000	61,700	4,750	66,450	175,700	20,750	196,450
September 1985	158,600	16,350	174,950	62,200	6,800	69,000	220,800	23,150	243,950
% Change									
Oct.1985:Sept.1985	-28.1	-2.1	-25.7	-0.8	-30.1	-3.7	-20.4	-10.4	-19.5
October 1984	129,450	15,700	145,150	57,600	5,000	62,600	187,050	20,700	207,750
% Change									
Oct. 1985:Oct. 1984	-11.9	+1.9	-10.4	+7.1	-5.0	+6.2	-6.1	+0.2	-5.4
Year To Date 1985	1,198,550	116,550	1,315,100	604,650	49,100	653,750	1,803,200	165,650	1,968,850
Year To Date 1984	1,153,250	93,350	1,246,600	491,350	60,450	551,800	1,644,600	153,800	1,798,400
% Change									
1985 : 1984	+3.9	+24.9	+5.5	+23.1	-18.8	+18.5	+9.6	+7.7	+9.5

Source: National Machine Tool Builders' Association

Form No. PKCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



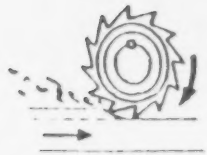
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 195,900,000	$ 15,550,000	$ 211,450,000	1,748.30	$ 126,550,000	$ 11,250,000	$ 137,800,000
Feb.	$ 217,600,000	$ 19,900,000	$ 237,500,000	1,819.55	$ 151,650,000	$ 14,600,000	$ 166,250,000
Mar.	$ 249,750,000	$ 29,550,000	$ 279,300,000	1,871.20	$ 204,550,000	$ 23,100,000	$ 227,650,000
Apr.	$ 170,150,000	$ 13,350,000	$ 183,500,000	1,884.95	$ 161,800,000	$ 7,950,000	$ 169,750,000
May	$ 203,800,000	$ 18,900,000	$ 222,700,000	1,930.35	$ 163,800,000	$ 13,500,000	$ 177,300,000
June	$ 208,500,000	$ 26,700,000	$ 235,200,000	1,926.55	$ 222,750,000	$ 16,250,000	$ 239,000,000
July	$ 157,900,000	$ 41,950,000	$ 199,850,000	1,931.60	$ 174,550,000	$ 20,250,000	$ 194,800,000
Aug.	$ 162,600,000	$ 21,900,000	$ 184,500,000	1,900.20	$ 201,050,000	$ 14,850,000	$ 215,900,000
Sept.	$ 144,850,000	$ 29,250,000	$ 174,100,000	1,830.35	$ 220,800,000	$ 23,150,000	$ 243,950,000
Oct. (p)	$ 205,900,000	$ 25,650,000	$ 231,550,000	1,865.45	$ 175,700,000	$ 20,750,000	$ 196,450,000
10 Mos.	$1,916,950,000	$ 242,700,000	$2,159,650,000		$1,803,200,000	$ 165,650,000	$1,968,850,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 209,000,000	$ 17,850,000	$ 226,850,000	$ 13,100,000	$ 2,300,000	$ 15,400,000
Feb.	$ 230,450,000	$ 20,650,000	$ 251,100,000	$ 12,850,000	$ 750,000	$ 13,600,000
Mar.	$ 266,100,000	$ 32,350,000	$ 298,450,000	$ 16,350,000	$ 2,800,000	$ 19,150,000
Apr.	$ 176,350,000	$ 14,950,000	$ 191,300,000	$ 6,200,000	$ 1,600,000	$ 7,800,000
May	$ 216,650,000	$ 19,250,000	$ 235,900,000	$ 12,850,000	$ 350,000	$ 13,200,000
June	$ 237,300,000	$ 27,900,000	$ 265,200,000	$ 28,800,000	$ 1,200,000	$ 30,000,000
July	$ 167,150,000	$ 42,250,000	$ 209,400,000	$ 9,250,000	$ 300,000	$ 9,550,000
Aug.	$ 167,000,000	$ 22,700,000	$ 189,700,000	$ 4,400,000	$ 800,000	$ 5,200,000
Sept.	$ 157,500,000	$ 29,800,000	$ 187,300,000	$ 12,650,000	$ 550,000	$ 13,200,000
Oct. (p)	$ 216,000,000	$ 26,800,000	$ 242,800,000	$ 10,100,000	$ 1,150,000	$ 11,250,000
10 Mos.	$2,043,500,000	$ 254,500,000	$2,298,000,000	$ 126,550,000	$ 11,800,000	$ 138,350,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 124,750,000	$ 13,000,000	$ 137,750,000	1,180.45	$ 80,600,000	$ 9,150,000	$ 89,750,000
Feb.	$ 148,050,000	$ 15,700,000	$ 163,750,000	1,235.90	$ 98,950,000	$ 9,350,000	$ 108,300,000
Mar.	$ 202,700,000	$ 24,300,000	$ 227,000,000	1,303.90	$ 140,350,000	$ 18,650,000	$ 159,000,000
Apr.	$ 112,850,000	$ 9,250,000	$ 122,100,000	1,322.85	$ 98,150,000	$ 5,000,000	$ 103,150,000
May	$ 157,350,000	$ 13,400,000	$ 170,750,000	1,374.75	$ 110,000,000	$ 8,850,000	$ 118,850,000
June	$ 159,950,000	$ 22,900,000	$ 182,850,000	1,394.60	$ 149,400,000	$ 13,600,000	$ 163,000,000
July	$ 114,850,000	$ 35,000,000	$ 149,850,000	1,419.40	$ 111,300,000	$ 13,750,000	$ 125,050,000
Aug.	$ 115,700,000	$ 15,100,000	$ 130,800,000	1,407.15	$ 137,200,000	$ 5,850,000	$ 143,050,000
Sept.	$ 108,250,000	$ 15,850,000	$ 124,100,000	1,356.30	$ 158,600,000	$ 16,350,000	$ 174,950,000
Oct. (p)	$ 137,150,000	$ 21,150,000	$ 158,300,000	1,384.60	$ 114,000,000	$ 16,000,000	$ 130,000,000
10 Mos.	$1,381,600,000	$ 185,650,000	$1,567,250,000		$1,198,550,000	$116,550,000	$1,315,100,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 136,250,000	$ 14,050,000	$ 150,300,000	$ 11,500,000	$ 1,050,000	$ 12,550,000
Feb.	$ 158,900,000	$ 16,400,000	$ 175,300,000	$ 10,850,000	$ 700,000	$ 11,550,000
Mar.	$ 212,600,000	$ 27,050,000	$ 239,650,000	$ 9,900,000	$ 2,750,000	$ 12,650,000
Apr.	$ 117,000,000	$ 10,200,000	$ 127,200,000	$ 4,150,000	$ 950,000	$ 5,100,000
May	$ 163,800,000	$ 13,700,000	$ 177,500,000	$ 6,450,000	$ 300,000	$ 6,750,000
June	$ 187,050,000	$ 24,050,000	$ 211,100,000	$ 27,100,000	$ 1,150,000	$ 28,250,000
July	$ 121,550,000	$ 35,250,000	$ 156,800,000	$ 6,700,000	$ 250,000	$ 6,950,000
Aug.	$ 119,900,000	$ 15,850,000	$ 135,750,000	$ 4,200,000	$ 750,000	$ 4,950,000
Sept.	$ 117,000,000	$ 16,300,000	$ 133,300,000	$ 8,750,000	$ 450,000	$ 9,200,000
Oct. (p)	$ 144,450,000	$ 21,800,000	$ 166,250,000	$ 7,300,000	$ 650,000	$ 7,950,000
10 Mos.	$1,478,500,000	$ 194,650,000	$1,673,150,000	$ 96,900,000	$ 9,000,000	$ 105,900,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 71,150,000	$ 2,550,000	$ 73,700,000	567.85	$ 45,950,000	$ 2,100,000	$ 48,050,000
Feb.	$ 69,550,000	$ 4,200,000	$ 73,750,000	583.65	$ 52,700,000	$ 5,250,000	$ 57,950,000
Mar.	$ 47,050,000	$ 5,250,000	$ 52,300,000	567.30	$ 64,200,000	$ 4,450,000	$ 68,650,000
Apr.	$ 57,300,000	$ 4,100,000	$ 61,400,000	562.10	$ 63,650,000	$ 2,950,000	$ 66,600,000
May	$ 46,450,000	$ 5,500,000	$ 51,950,000	555.60	$ 53,800,000	$ 4,650,000	$ 58,450,000
June	$ 48,550,000	$ 3,800,000	$ 52,350,000	531.95	$ 73,350,000	$ 2,650,000	$ 76,000,000
July	$ 43,050,000	$ 6,950,000	$ 50,000,000	512.20	$ 63,250,000	$ 6,500,000	$ 69,750,000
Aug.	$ 46,900,000	$ 6,800,000	$ 53,700,000	493.05	$ 63,850,000	$ 9,000,000	$ 72,850,000
Sept.	$ 36,600,000	$ 13,400,000	$ 50,000,000	474.05	$ 62,200,000	$ 6,800,000	$ 69,000,000
Oct. (p)	$ 68,750,000	$ 4,500,000	$ 73,250,000	480.85	$ 61,700,000	$ 4,750,000	$ 66,450,000
10 Mos.	$ 535,350,000	$ 57,050,000	$ 592,400,000		$ 604,650,000	$ 49,100,000	$ 653,750,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 72,750,000	$ 3,800,000	$ 76,550,000	$ 1,600,000	$ 1,250,000	$ 2,850,000
Feb.	$ 71,550,000	$ 4,250,000	$ 75,800,000	$ 2,000,000	$ 50,000	$ 2,050,000
Mar.	$ 53,500,000	$ 5,300,000	$ 58,800,000	$ 6,450,000	$ 50,000	$ 6,500,000
Apr.	$ 59,350,000	$ 4,750,000	$ 64,100,000	$ 2,050,000	$ 650,000	$ 2,700,000
May	$ 52,850,000	$ 5,550,000	$ 58,400,000	$ 6,400,000	$ 50,000	$ 6,450,000
June	$ 50,250,000	$ 3,850,000	$ 54,100,000	$ 1,700,000	$ 50,000	$ 1,750,000
July	$ 45,600,000	$ 7,000,000	$ 52,600,000	$ 2,550,000	$ 50,000	$ 2,600,000
Aug.	$ 47,100,000	$ 6,850,000	$ 53,950,000	$ 200,000	$ 50,000	$ 250,000
Sept.	$ 40,500,000	$ 13,500,000	$ 54,000,000	$ 3,900,000	$ 100,000	$ 4,000,000
Oct. (p)	$ 71,550,000	$ 5,000,000	$ 76,550,000	$ 2,800,000	$ 500,000	$ 3,300,000
10 Mos.	$ 565,000,000	$ 59,850,000	$ 624,850,000	$ 29,650,000	$ 2,800,000	$ 32,450,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-1A

News Release

IMTS
The world of manufacturing technology
1986 INTERNATIONAL MACHINE TOOL SHOW
September 3–11, 1986 • Chicago, Illinois, USA

FOR RELEASE: December 30, 1985
Contact: Charles Pollock
Michael Codel

MACHINE TOOL ORDERS DOWN 19% IN NOVEMBER

The National Machine Tool Builders' Association reported today that November net new orders for machine tools totalled just over $186 million, down 19% from October. Cumulative orders for the first eleven months of 1985 totalled $2.34 billion, a level 12% below the value of orders received during the same period last year. November machine tool shipments stood at $197 million, down 1% from October, and left the year-to-date total at $2.17 billion, an increase of 8% over the 1984 eleven month total.

"The continued slump in machine tool orders reflects the current status of America's manufacturing industries. While the overall economy is beginning to show signs of rekindled growth, the manufacturing sector is still struggling," commented James A. Gray, Association president. "Adding to our problems is concern over the fate of tax reform. As things currently stand, Congress is poised to take back the very elements that led to the capital spending boom of the early 1980s."

(more)

Metal forming orders, totalling only $14.6 million for November, were 80.2% below their October level. Metal forming shipments, at $59.8 million, were down 13.9% from their October total. Orders for metal cutting machine tools, at $171.6 million, increased 10.0% in November, while November shipments of $137.7 million were up 6.0% from October.

Machine tool order backlogs decreased in November, to $1.85 billion from $1.86 billion in October.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

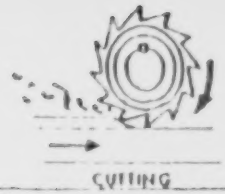
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
November 1985	162,700	8,850	171,550	12,000	2,600	14,600	174,700	11,450	186,150
October 1985	134,950	21,050	156,000	69,250	4,600	73,850	204,200	25,650	229,850
% Change Nov. 1985:Oct. 1985	+20.6	-58.0	+10.0	-82.7	-43.5	-80.2	-14.4	-55.4	-19.0
November 1984	154,750	5,250	160,000	51,450	550	52,000	206,200	5,800	212,000
% Change Nov. 1985:Nov. 1984	+5.1	+68.6	+7.2	-76.7	+372.7	-71.9	-15.3	+97.4	-12.2
Year To Date 1985	1,542,100	194,400	1,736,500	547,850	59,750	607,600	2,089,950	254,150	2,344,100
Year To Date 1984	1,557,400	199,300	1,756,700	838,500	65,450	903,950	2,395,900	264,750	2,660,650
% Change 1985 : 1984	-1.0	-2.5	-1.1	-34.7	-8.7	-32.8	-12.8	-4.0	-11.9

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
November 1985	124,650	13,050	137,700	52,900	6,850	59,750	177,550	19,900	197,450
October 1985	114,050	15,850	129,900	64,600	4,800	69,400	178,650	20,650	199,300
% Change Nov. 1985:Oct. 1985	+9.3	-17.7	+6.0	-18.1	+42.7	-13.9	-0.6	-3.6	-0.9
November 1984	147,150	11,900	159,050	48,300	4,400	52,700	195,450	16,300	211,750
% Change Nov. 1985:Nov. 1984	-15.3	+9.7	-13.4	+9.5	+55.7	+13.4	-9.2	+22.1	-6.8
Year To Date 1985	1,323,250	129,450	1,452,700	660,450	56,000	716,450	1,983,700	185,450	2,169,150
Year To Date 1984	1,300,400	105,250	1,405,650	539,650	64,850	604,500	1,840,050	170,100	2,010,150
% Change 1985 : 1984	+1.8	+23.0	+3.3	+22.4	-13.6	+18.5	+7.8	+9.0	+7.9

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog

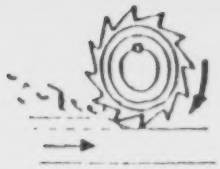
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 195,900,000	$ 15,550,000	$ 211,450,000	1,748.30	$ 126,550,000	$ 11,250,000	$ 137,800,000
Feb.	$ 217,600,000	$ 19,900,000	$ 237,500,000	1,819.55	$ 151,650,000	$ 14,600,000	$ 166,250,000
Mar.	$ 249,750,000	$ 29,550,000	$ 279,300,000	1,871.20	$ 204,550,000	$ 23,100,000	$ 227,650,000
Apr.	$ 170,150,000	$ 13,350,000	$ 183,500,000	1,884.95	$ 161,800,000	$ 7,950,000	$ 169,750,000
May	$ 203,800,000	$ 18,900,000	$ 222,700,000	1,930.35	$ 163,800,000	$ 13,500,000	$ 177,300,000
June	$ 208,500,000	$ 26,700,000	$ 235,200,000	1,926.55	$ 222,750,000	$ 16,250,000	$ 239,000,000
July	$ 157,900,000	$ 41,950,000	$ 199,850,000	1,931.60	$ 174,550,000	$ 20,250,000	$ 194,800,000
Aug.	$ 162,600,000	$ 21,900,000	$ 184,500,000	1,900.20	$ 201,050,000	$ 14,850,000	$ 215,900,000
Sept.	$ 144,850,000	$ 29,250,000	$ 174,100,000	1,830.35	$ 220,800,000	$ 23,150,000	$ 243,950,000
Oct.	$ 204,200,000	$ 25,650,000	$ 229,850,000	1,860.90	$ 178,650,000	$ 20,650,000	$ 199,300,000
Nov. (p)	$ 174,700,000	$ 11,450,000	$ 186,150,000	1,849.60	$ 177,550,000	$ 19,900,000	$ 197,450,000
11 Mos.	$2,089,950,000	$ 254,150,000	$2,344,100,000		$1,983,700,000	$ 185,450,000	$2,169,150,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 209,000,000	$ 17,850,000	$ 226,850,000	$ 13,100,000	$ 2,300,000	$ 15,400,000
Feb.	$ 230,450,000	$ 20,650,000	$ 251,100,000	$ 12,850,000	$ 750,000	$ 13,600,000
Mar.	$ 266,100,000	$ 32,350,000	$ 298,450,000	$ 16,350,000	$ 2,800,000	$ 19,150,000
Apr.	$ 176,350,000	$ 14,950,000	$ 191,300,000	$ 6,200,000	$ 1,600,000	$ 7,800,000
May	$ 216,650,000	$ 19,250,000	$ 235,900,000	$ 12,850,000	$ 350,000	$ 13,200,000
June	$ 237,300,000	$ 27,900,000	$ 265,200,000	$ 28,800,000	$ 1,200,000	$ 30,000,000
July	$ 167,150,000	$ 42,250,000	$ 209,400,000	$ 9,250,000	$ 300,000	$ 9,550,000
Aug.	$ 167,000,000	$ 22,700,000	$ 189,700,000	$ 4,400,000	$ 800,000	$ 5,200,000
Sept.	$ 157,500,000	$ 29,800,000	$ 187,300,000	$ 12,650,000	$ 550,000	$ 13,200,000
Oct.	$ 215,700,000	$ 26,800,000	$ 242,500,000	$ 11,500,000	$ 1,150,000	$ 12,650,000
Nov. (p)	$ 212,500,000	$ 14,750,000	$ 227,250,000	$ 37,800,000	$ 3,300,000	$ 41,100,000
11 Mos.	$2,255,700,000	$ 269,250,000	$2,524,950,000	$ 165,750,000	$ 15,100,000	$ 180,850,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 124,750,000	$ 13,000,000	$ 137,750,000	1,180.45	$ 80,600,000	$ 9,150,000	$ 89,750,000
Feb.	$ 148,050,000	$ 15,700,000	$ 163,750,000	1,235.90	$ 98,950,000	$ 9,350,000	$ 108,300,000
Mar.	$ 202,700,000	$ 24,300,000	$ 227,000,000	1,303.90	$ 140,350,000	$ 18,650,000	$ 159,000,000
Apr.	$ 112,850,000	$ 9,250,000	$ 122,100,000	1,322.85	$ 98,150,000	$ 5,000,000	$ 103,150,000
May	$ 157,350,000	$ 13,400,000	$ 170,750,000	1,374.75	$ 110,000,000	$ 8,850,000	$ 118,850,000
June	$ 159,950,000	$ 22,900,000	$ 182,850,000	1,394.60	$ 149,400,000	$ 13,600,000	$ 163,000,000
July	$ 114,850,000	$ 35,000,000	$ 149,850,000	1,419.40	$ 111,300,000	$ 13,750,000	$ 125,050,000
Aug.	$ 115,700,000	$ 15,100,000	$ 130,800,000	1,407.15	$ 137,200,000	$ 5,850,000	$ 143,050,000
Sept.	$ 108,250,000	$ 15,850,000	$ 124,100,000	1,356.30	$ 158,600,000	$ 16,350,000	$ 174,950,000
Oct.	$ 134,950,000	$ 21,050,000	$ 156,000,000	1,382.40	$ 114,050,000	$ 15,850,000	$ 129,900,000
Nov. (p)	$ 162,700,000	$ 8,850,000	$ 171,550,000	1,416.25	$ 124,650,000	$ 13,050,000	$ 137,700,000
11 Mos.	$1,542,100,000	$ 194,400,000	$1,736,500,000		$1,323,250,000	$129,450,000	$1,452,700,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 136,250,000	$ 14,050,000	$ 150,300,000	$ 11,500,000	$ 1,050,000	$ 12,550,000
Feb.	$ 158,900,000	$ 16,400,000	$ 175,300,000	$ 10,850,000	$ 700,000	$ 11,550,000
Mar.	$ 212,600,000	$ 27,050,000	$ 239,650,000	$ 9,900,000	$ 2,750,000	$ 12,650,000
Apr.	$ 117,000,000	$ 10,200,000	$ 127,200,000	$ 4,150,000	$ 950,000	$ 5,100,000
May	$ 163,800,000	$ 13,700,000	$ 177,500,000	$ 6,450,000	$ 300,000	$ 6,750,000
June	$ 187,050,000	$ 24,050,000	$ 211,100,000	$ 27,100,000	$ 1,150,000	$ 28,250,000
July	$ 121,550,000	$ 35,250,000	$ 156,800,000	$ 6,700,000	$ 250,000	$ 6,950,000
Aug.	$ 119,900,000	$ 15,850,000	$ 135,750,000	$ 4,200,000	$ 750,000	$ 4,950,000
Sept.	$ 117,000,000	$ 16,300,000	$ 133,300,000	$ 8,750,000	$ 450,000	$ 9,200,000
Oct.	$ 143,650,000	$ 21,700,000	$ 165,350,000	$ 8,700,000	$ 650,000	$ 9,350,000
Nov. (p)	$ 169,300,000	$ 10,800,000	$ 180,100,000	$ 6,600,000	$ 1,950,000	$ 8,550,000
11 Mos.	$1,647,000,000	$ 205,350,000	$1,852,350,000	$ 104,900,000	$ 10,950,000	$ 115,850,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 71,150,000	$ 2,550,000	$ 73,700,000	567.85	$ 45,950,000	$ 2,100,000	$ 48,050,000
Feb.	$ 69,550,000	$ 4,200,000	$ 73,750,000	583.65	$ 52,700,000	$ 5,250,000	$ 57,950,000
Mar.	$ 47,050,000	$ 5,250,000	$ 52,300,000	567.30	$ 64,200,000	$ 4,450,000	$ 68,650,000
Apr.	$ 57,300,000	$ 4,100,000	$ 61,400,000	562.10	$ 63,650,000	$ 2,950,000	$ 66,600,000
May	$ 46,450,000	$ 5,500,000	$ 51,950,000	555.60	$ 53,800,000	$ 4,650,000	$ 58,450,000
June	$ 48,550,000	$ 3,800,000	$ 52,350,000	531.95	$ 73,350,000	$ 2,650,000	$ 76,000,000
July	$ 43,050,000	$ 6,950,000	$ 50,000,000	512.20	$ 63,250,000	$ 6,500,000	$ 69,750,000
Aug.	$ 46,900,000	$ 6,800,000	$ 53,700,000	493.05	$ 63,850,000	$ 9,000,000	$ 72,850,000
Sept.	$ 36,600,000	$ 13,400,000	$ 50,000,000	474.05	$ 62,200,000	$ 6,800,000	$ 69,000,000
Oct.	$ 69,250,000	$ 4,600,000	$ 73,850,000	478.50	$ 64,600,000	$ 4,800,000	$ 69,400,000
Nov. (p)	$ 12,000,000	$ 2,600,000	$ 14,600,000	433.35	$ 52,900,000	$ 6,850,000	$ 59,750,000
11 Mos.	$ 547,850,000	$ 59,750,000	$ 607,600,000		$ 660,450,000	$ 56,000,000	$ 716,450,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 72,750,000	$ 3,800,000	$ 76,550,000	$ 1,600,000	$ 1,250,000	$ 2,850,000
Feb.	$ 71,550,000	$ 4,250,000	$ 75,800,000	$ 2,000,000	$ 50,000	$ 2,050,000
Mar.	$ 53,500,000	$ 5,300,000	$ 58,800,000	$ 6,450,000	$ 50,000	$ 6,500,000
Apr.	$ 59,350,000	$ 4,750,000	$ 64,100,000	$ 2,050,000	$ 650,000	$ 2,700,000
May	$ 52,850,000	$ 5,550,000	$ 58,400,000	$ 6,400,000	$ 50,000	$ 6,450,000
June	$ 50,250,000	$ 3,850,000	$ 54,100,000	$ 1,700,000	$ 50,000	$ 1,750,000
July	$ 45,600,000	$ 7,000,000	$ 52,600,000	$ 2,550,000	$ 50,000	$ 2,600,000
Aug.	$ 47,100,000	$ 6,850,000	$ 53,950,000	$ 200,000	$ 50,000	$ 250,000
Sept.	$ 40,500,000	$ 13,500,000	$ 54,000,000	$ 3,900,000	$ 100,000	$ 4,000,000
Oct.	$ 72,050,000	$ 5,100,000	$ 77,150,000	$ 2,800,000	$ 500,000	$ 3,300,000
Nov. (p)	$ 43,200,000	$ 3,950,000	$ 47,150,000	$ 31,200,000	$ 1,350,000	$ 32,550,000
11 Mos.	$ 608,700,000	$ 63,900,000	$ 672,600,000	$ 60,850,000	$ 4,150,000	$ 65,000,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-19

News Release

FOR RELEASE: January 27, 1986
Contact: Charles Pollock
Michael Codel

1985 MACHINE TOOL PICTURE MIXED

Provisional 1985 totals showed machine tool shipments up 10.9% in 1985, but new orders down 13.2%, compared to 1984, according to figures released today by the National Machine Tool Builders' Association.

"This regrettable decline in orders for the year reflects the uncertainty of machine tool buyers in light of President Reagan's anti-growth, anti-business tax 'reform' efforts," James A. Gray, NMTBA President, said.

"We are concerned that these tax proposals, the four-year-old recovery, and forecasts of even lower capital spending in 1986 foreshadow continued order decline.

"The Reagan tax bill, if passed, will hit us very hard, causing severe distortion to capital spending through unrealistic depreciation schedules and repeal of the Investment Tax Credit. The combined effect will be a further erosion of the competitive position of the United States."

(more)

Machine tool shipments during 1985 totaled $2.54 billion, up from the 1984 year-end total of $2.29 billion. These results included a rise of 7.8% in metal cutting machine tool shipments in 1985, to $1.73 billion from $1.61 billion in 1984, and an 18.3% increase in metal forming machine tool shipments, to $804 million from $679 million.

Machine tool orders during 1985 totaled $2.53 billion, down from the 1984 year-end total of $2.92 billion. These results included a decline of 3.2% in new metal cutting machine tool orders in 1985, to $1.85 billion from $1.92 billion in 1984, and a decline of 32.4% in new metal forming machine tool orders in 1985, to $676 million from $1 billion.

The one-month change from November to December, 1985, show an 83.3% increase in shipments, to $365 million from $199 million. This increase may be attributed to the normal year-end accelerated clearance of shipments.

The November/December comparison in new machine tool orders shows a decline of 9.3%, to $177 million from $195 million. The industry's order backlog declined to $1.67 billion in December, from $1.86 billion in November.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

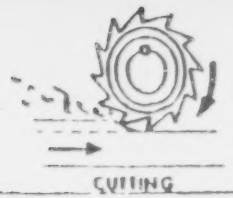
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
December 1985	110,700	7,100	117,800	53,750	5,500	59,250	164,450	12,600	177,050
November 1985	162,700	8,850	171,550	20,950	2,600	23,550	183,650	11,450	195,100
% Change									
Dec. 1985:Nov. 1985	-32.0	-19.8	-31.3	+156.6	+111.5	+151.6	-10.5	+10.0	-9.3
December 1984	142,150	16,950	159,100	93,000	3,050	96,050	235,150	20,000	255,150
% Change									
Dec. 1985:Dec. 1984	-22.1	-58.1	-26.0	-42.2	+80.3	-38.3	-30.1	-37.0	-30.6
Year To Date 1985	1,652,800	201,500	1,854,300	610,550	65,250	675,800	2,263,350	266,750	2,530,100
Year To Date 1984	1,699,550	216,250	1,915,800	931,500	68,500	1,000,000	2,631,050	284,750	2,915,800
% Change									
1985 : 1984	-2.8	-6.8	-3.2	-34.5	-4.7	-32.4	-14.0	-6.3	-13.2

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

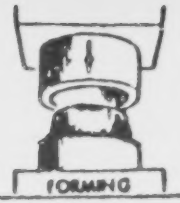
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
December 1985	212,650	64,900	277,550	83,250	4,200	87,450	295,900	69,100	365,000
November 1985	126,350	13,050	139,400	52,900	6,850	59,750	179,250	19,900	199,150
% Change									
Dec. 1985:Nov. 1985	+68.3	+397.3	+99.1	+57.4	-38.7	+46.4	+65.1	+247.2	+83.3
December 1984	183,450	17,400	200,850	69,100	5,750	74,850	252,550	23,150	275,700
% Change									
Dec. 1985:Dec. 1984	+15.9	+273.0	+38.2	+20.5	-27.0	+16.8	+17.2	+198.5	+32.4
Year To Date 1985	1,537,600	194,350	1,731,950	743,700	60,200	803,900	2,281,300	254,550	2,535,850
Year To Date 1984	1,483,850	122,650	1,606,500	608,750	70,600	679,350	2,092,600	193,250	2,285,850
% Change									
1985 : 1984	+3.6	+58.5	+7.8	+22.2	-14.7	+18.3	+9.0	+31.7	+10.9

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



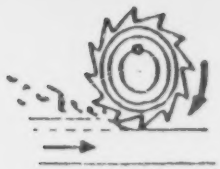
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 195,900,000	$ 15,550,000	$ 211,450,000	1,748.30	$ 126,550,000	$ 11,250,000	$ 137,800,000
Feb.	$ 217,600,000	$ 19,900,000	$ 237,500,000	1,819.55	$ 151,650,000	$ 14,600,000	$ 166,250,000
Mar.	$ 249,750,000	$ 29,550,000	$ 279,300,000	1,871.20	$ 204,550,000	$ 23,100,000	$ 227,650,000
Apr.	$ 170,150,000	$ 13,350,000	$ 183,500,000	1,884.95	$ 161,800,000	$ 7,950,000	$ 169,750,000
May	$ 203,800,000	$ 18,900,000	$ 222,700,000	1,930.35	$ 163,800,000	$ 13,500,000	$ 177,300,000
June	$ 208,500,000	$ 26,700,000	$ 235,200,000	1,926.55	$ 222,750,000	$ 16,250,000	$ 239,000,000
July	$ 157,900,000	$ 41,950,000	$ 199,850,000	1,930.60	$ 174,550,000	$ 20,250,000	$ 194,800,000
Aug.	$ 162,600,000	$ 21,900,000	$ 184,500,000	1,900.20	$ 201,050,000	$ 14,850,000	$ 215,900,000
Sept.	$ 144,850,000	$ 29,250,000	$ 174,100,000	1,830.35	$ 220,800,000	$ 23,150,000	$ 243,950,000
Oct.	$ 204,200,000	$ 25,650,000	$ 229,850,000	1,860.90	$ 178,650,000	$ 20,650,000	$ 199,300,000
Nov.	$ 183,650,000	$ 11,450,000	$ 195,100,000	1,856.85	$ 179,250,000	$ 19,900,000	$ 199,150,000
Dec. (p)	$ 164,450,000	$ 12,600,000	$ 177,050,000	1,668.90	$ 295,900,000	$ 69,100,000	$ 365,000,000
12 Mos.	$2,263,350,000	$ 266,750,000	$2,530,100,000		$2,281,300,000	$ 254,550,000	$2,535,850,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 209,000,000	$ 17,850,000	$ 226,850,000	$ 13,100,000	$ 2,300,000	$ 15,400,000
Feb.	$ 230,450,000	$ 20,650,000	$ 251,100,000	$ 12,850,000	$ 750,000	$ 13,600,000
Mar.	$ 266,100,000	$ 32,350,000	$ 298,450,000	$ 16,350,000	$ 2,800,000	$ 19,150,000
Apr.	$ 176,350,000	$ 14,950,000	$ 191,300,000	$ 6,200,000	$ 1,600,000	$ 7,800,000
May	$ 216,650,000	$ 19,250,000	$ 235,900,000	$ 12,850,000	$ 350,000	$ 13,200,000
June	$ 237,300,000	$ 27,900,000	$ 265,200,000	$ 28,800,000	$ 1,200,000	$ 30,000,000
July	$ 167,150,000	$ 42,250,000	$ 209,400,000	$ 9,250,000	$ 300,000	$ 9,550,000
Aug.	$ 167,000,000	$ 22,700,000	$ 189,700,000	$ 4,400,000	$ 800,000	$ 5,200,000
Sept.	$ 157,500,000	$ 29,800,000	$ 187,300,000	$ 12,650,000	$ 550,000	$ 13,200,000
Oct.	$ 215,700,000	$ 26,800,000	$ 242,500,000	$ 11,500,000	$ 1,150,000	$ 12,650,000
Nov.	$ 212,500,000	$ 14,750,000	$ 227,250,000	$ 28,850,000	$ 3,300,000	$ 32,150,000
Dec. (p)	$ 178,900,000	$ 13,650,000	$ 192,550,000	$ 14,450,000	$ 1,050,000	$ 15,500,000
12 Mos.	$2,434,600,000	$ 282,900,000	$2,717,500,000	$ 171,250,000	$ 16,150,000	$ 187,400,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 124,750,000	$ 13,000,000	$ 137,750,000	1,180.45	$ 80,600,000	$ 9,150,000	$ 89,750,000
Feb.	$ 148,050,000	$ 15,700,000	$ 163,750,000	1,235.90	$ 98,950,000	$ 9,350,000	$ 108,300,000
Mar.	$ 202,700,000	$ 24,300,000	$ 227,000,000	1,303.90	$ 140,350,000	$ 18,650,000	$ 159,000,000
Apr.	$ 112,850,000	$ 9,250,000	$ 122,100,000	1,322.85	$ 98,150,000	$ 5,000,000	$ 103,150,000
May	$ 157,350,000	$ 13,400,000	$ 170,750,000	1,374.75	$ 110,000,000	$ 8,850,000	$ 118,850,000
June	$ 159,950,000	$ 22,900,000	$ 182,850,000	1,394.60	$ 149,400,000	$ 13,600,000	$ 163,000,000
July	$ 114,850,000	$ 35,000,000	$ 149,850,000	1,419.40	$ 111,300,000	$ 13,750,000	$ 125,050,000
Aug.	$ 115,700,000	$ 15,100,000	$ 130,800,000	1,407.15	$ 137,200,000	$ 5,850,000	$ 143,050,000
Sept.	$ 108,250,000	$ 15,850,000	$ 124,100,000	1,356.30	$ 158,600,000	$ 16,350,000	$ 174,950,000
Oct.	$ 134,950,000	$ 21,050,000	$ 156,000,000	1,382.40	$ 114,050,000	$ 15,850,000	$ 129,900,000
Nov.	$ 162,700,000	$ 8,850,000	$ 171,550,000	1,414.55	$ 126,350,000	$ 13,050,000	$ 139,400,000
Dec. (p)	$ 110,700,000	$ 7,100,000	$ 117,800,000	1,254.80	$ 212,650,000	$ 64,900,000	$ 277,550,000
12 Mos.	$1,652,800,000	$ 201,500,000	$1,854,300,000		$1,537,600,000	$194,350,000	$1,731,950,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 136,250,000	$ 14,050,000	$ 150,300,000	$ 11,500,000	$ 1,050,000	$ 12,550,000
Feb.	$ 158,900,000	$ 16,400,000	$ 175,300,000	$ 10,850,000	$ 700,000	$ 11,550,000
Mar.	$ 212,600,000	$ 27,050,000	$ 239,650,000	$ 9,900,000	$ 2,750,000	$ 12,650,000
Apr.	$ 117,000,000	$ 10,200,000	$ 127,200,000	$ 4,150,000	$ 950,000	$ 5,100,000
May	$ 163,800,000	$ 13,700,000	$ 177,500,000	$ 6,450,000	$ 300,000	$ 6,750,000
June	$ 187,050,000	$ 24,050,000	$ 211,100,000	$ 27,100,000	$ 1,150,000	$ 28,250,000
July	$ 121,550,000	$ 35,250,000	$ 156,800,000	$ 6,700,000	$ 250,000	$ 6,950,000
Aug.	$ 119,900,000	$ 15,850,000	$ 135,750,000	$ 4,200,000	$ 750,000	$ 4,950,000
Sept.	$ 117,000,000	$ 16,300,000	$ 133,300,000	$ 8,750,000	$ 450,000	$ 9,200,000
Oct.	$ 143,650,000	$ 21,700,000	$ 165,350,000	$ 8,700,000	$ 650,000	$ 9,350,000
Nov.	$ 169,300,000	$ 10,800,000	$ 180,100,000	$ 6,600,000	$ 1,950,000	$ 8,550,000
Dec. (p)	$ 122,950,000	$ 8,150,000	$ 131,100,000	$ 12,250,000	$ 1,050,000	$ 13,300,000
12 Mos.	$1,769,950,000	$ 213,500,000	$1,983,450,000	$ 117,150,000	$ 12,000,000	$ 129,150,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 71,150,000	$ 2,550,000	$ 73,700,000	567.85	$ 45,950,000	$ 2,100,000	$ 48,050,000
Feb.	$ 69,550,000	$ 4,200,000	$ 73,750,000	583.65	$ 52,700,000	$ 5,250,000	$ 57,950,000
Mar.	$ 47,050,000	$ 5,250,000	$ 52,300,000	567.30	$ 64,200,000	$ 4,450,000	$ 68,650,000
Apr.	$ 57,300,000	$ 4,100,000	$ 61,400,000	562.10	$ 63,650,000	$ 2,950,000	$ 66,600,000
May	$ 46,450,000	$ 5,500,000	$ 51,950,000	555.60	$ 53,800,000	$ 4,650,000	$ 58,450,000
June	$ 48,550,000	$ 3,800,000	$ 52,350,000	531.95	$ 73,350,000	$ 2,650,000	$ 76,000,000
July	$ 43,050,000	$ 6,950,000	$ 50,000,000	512.20	$ 63,250,000	$ 6,500,000	$ 69,750,000
Aug.	$ 46,900,000	$ 6,800,000	$ 53,700,000	493.05	$ 63,850,000	$ 9,000,000	$ 72,850,000
Sept.	$ 36,600,000	$ 13,400,000	$ 50,000,000	474.05	$ 62,200,000	$ 6,800,000	$ 69,000,000
Oct.	$ 69,250,000	$ 4,600,000	$ 73,850,000	478.50	$ 64,600,000	$ 4,800,000	$ 69,400,000
Nov.	$ 20,950,000	$ 2,600,000	$ 23,550,000	442.30	$ 52,900,000	$ 6,850,000	$ 59,750,000
Dec. (p)	$ 53,750,000	$ 5,500,000	$ 59,250,000	414.10	$ 83,250,000	$ 4,200,000	$ 87,450,000
12 Mos.	$ 610,550,000	$ 65,250,000	$ 675,800,000		$ 743,700,000	$ 60,200,000	$ 803,900,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 72,750,000	$ 3,800,000	$ 76,550,000	$ 1,600,000	$ 1,250,000	$ 2,850,000
Feb.	$ 71,550,000	$ 4,250,000	$ 75,800,000	$ 2,000,000	$ 50,000	$ 2,050,000
Mar.	$ 53,500,000	$ 5,300,000	$ 58,800,000	$ 6,450,000	$ 50,000	$ 6,500,000
Apr.	$ 59,350,000	$ 4,750,000	$ 64,100,000	$ 2,050,000	$ 650,000	$ 2,700,000
May	$ 52,850,000	$ 5,550,000	$ 58,400,000	$ 6,400,000	$ 50,000	$ 6,450,000
June	$ 50,250,000	$ 3,850,000	$ 54,100,000	$ 1,700,000	$ 50,000	$ 1,750,000
July	$ 45,600,000	$ 7,000,000	$ 52,600,000	$ 2,550,000	$ 50,000	$ 2,600,000
Aug.	$ 47,100,000	$ 6,850,000	$ 53,950,000	$ 200,000	$ 50,000	$ 250,000
Sept.	$ 40,500,000	$ 13,500,000	$ 54,000,000	$ 3,900,000	$ 100,000	$ 4,000,000
Oct.	$ 72,050,000	$ 5,100,000	$ 77,150,000	$ 2,800,000	$ 500,000	$ 3,300,000
Nov.	$ 43,200,000	$ 3,950,000	$ 47,150,000	$ 22,250,000	$ 1,350,000	$ 23,600,000
Dec. (p)	$ 55,950,000	$ 5,500,000	$ 61,450,000	$ 2,200,000	$ 0	$ 2,200,000
12 Mos.	$ 664,650,000	$ 69,400,000	$ 734,050,000	$ 54,100,000	$ 4,150,000	$ 58,250,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1980 TO DATE

	CUTTING AND FORMING			CUTTING			FORMING		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1980-1	$1,146,150	$115,700	$1,517,450	$ 881,400	$ 86,750	$1,207,800	$ 264,750	$ 28,950	$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	1,303,250	202,400	984,000	1,043,600	162,550	806,550	259,650	39,850	177,450
Total	$4,691,750	$607,500	$4,754,300	$3,680,800	$474,800	$3,884,750	$1,010,950	$ 132,700	$ 869,550
1981-1	$1,288,200	$210,800	$ 920,350	$1,017,850	$155,600	$ 706,600	$ 270,350	$ 55,200	$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	$5,095,600	$718,950	$2,944,850	$4,104,500	$552,050	$2,228,100	$ 991,100	$ 166,900	$ 716,750
1982-1	$1,154,200	$112,850	$ 506,800	$ 933,050	$ 71,750	$ 384,850	$ 221,150	$ 40,900	$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	$3,604,400	$406,050	$1,497,750	$2,894,750	$296,150	$1,064,450	$ 709,650	$ 109,900	$ 433,300
1983-1	$ 487,450	$ 56,650	$ 314,850	$ 370,600	$ 40,800	$ 224,100	$ 116,850	$ 15,850	$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3	357,050	42,900	468,150	252,350	32,200	322,200	104,700	10,700	145,950
4	530,900	57,150	514,050	391,050	49,600	336,050	139,850	7,550	178,000
Total	$1,845,050	$215,000	$1,696,150	$1,371,500	$171,900	$1,151,650	$ 473,550	$ 43,100	$ 544,500
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	572,300	50,700	764,400	401,800	28,250	499,200	170,500	22,450	265,200
3	568,850	41,850	800,200	401,550	24,300	493,000	167,300	17,550	307,200
4	695,200	60,150	750,750	505,050	45,000	510,850	190,150	15,150	239,900
Total	$2,285,850	$193,250	$2,915,800	$1,606,500	$122,650	$1,915,800	$ 679,350	$ 70,600	$1,000,000
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	586,050	37,700	641,400	385,000	27,450	475,700	201,050	10,250	165,700
3	654,650	58,250	558,450	443,050	35,950	404,750	211,600	22,300	153,700
4P	763,450	109,650	602,000	546,850	93,800	445,350	216,600	15,850	156,650
Total	$2,535,850	$254,550	$2,530,100	$1,731,950	$194,350	$1,854,300	$ 803,900	$ 60,200	$ 675,800

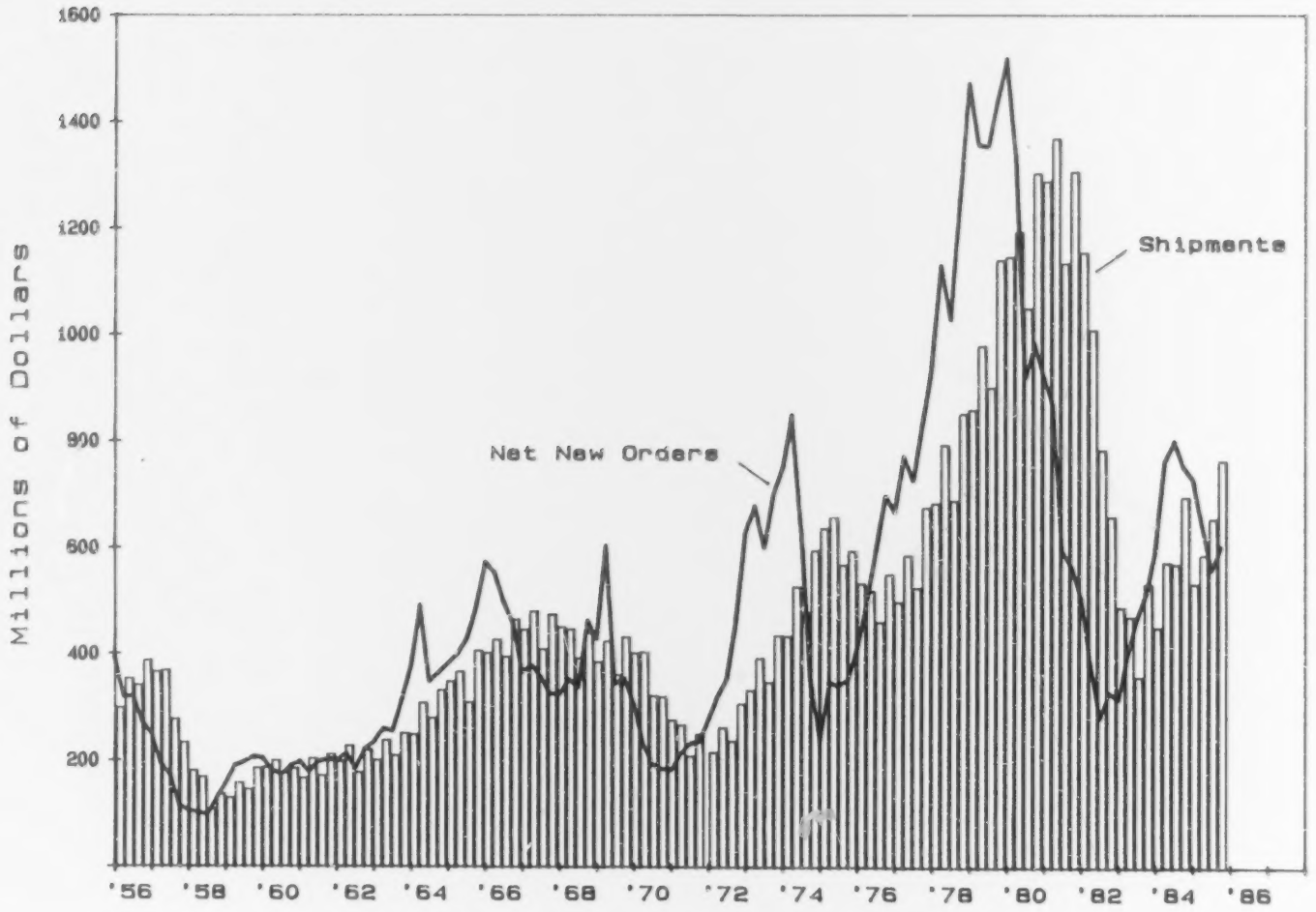
P - Preliminary

NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1985, contact:
NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102-4269. Phone: 703:893-2900

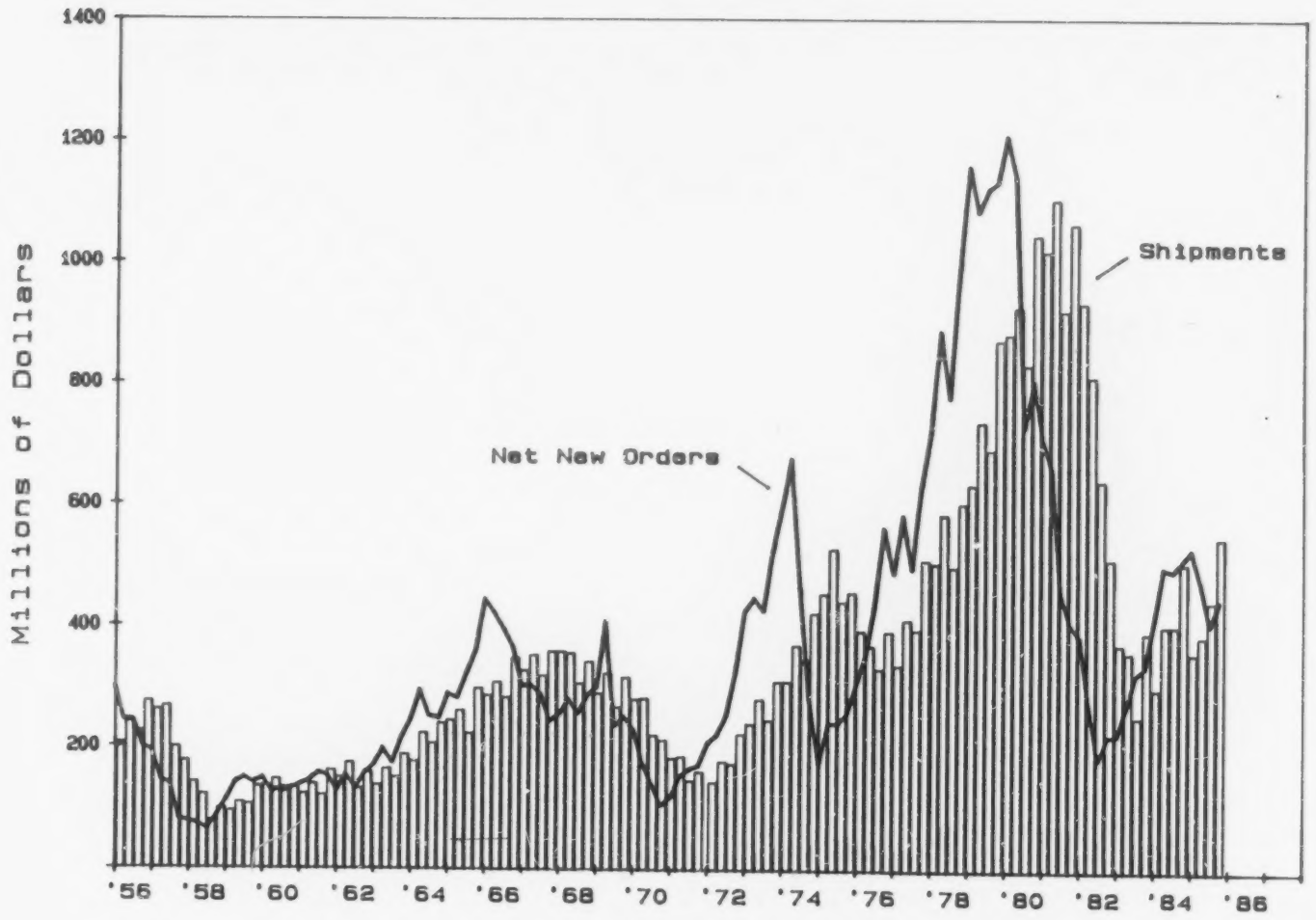
Source: National Machine Tool Builders' Association

January 27, 1986

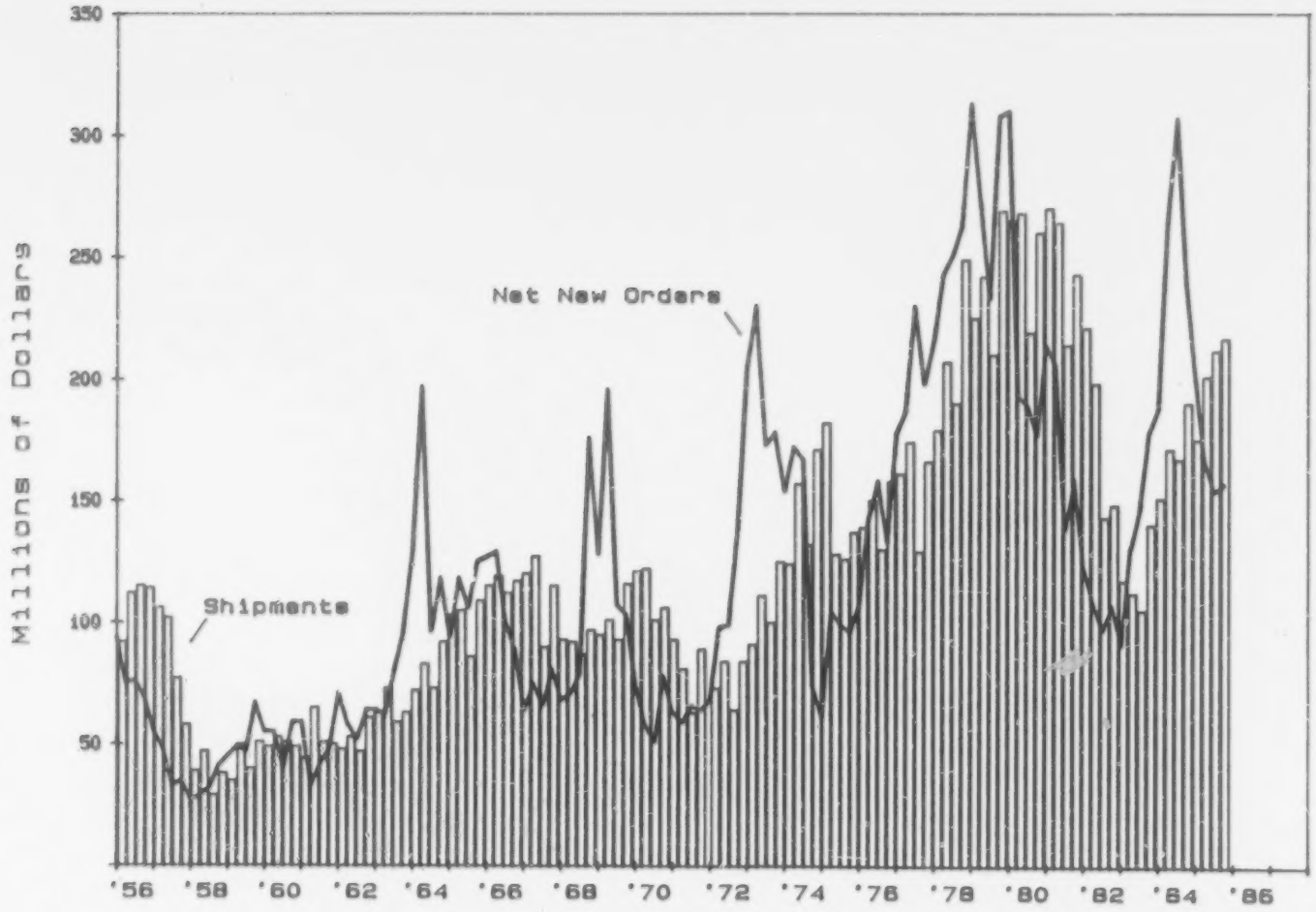
Total Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 4



Metal Cutting Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 4



Metal Forming Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 4



2/21/86 A8050-1A

News Release

FOR RELEASE: February 24, 1986
Contact: Charles Pollock
Michael Codel

MACHINE TOOL ORDERS UP 7.8% IN JANUARY

The National Machine Tool Builders' Association reported today that net January orders for new machine tools totalled $188.65 million, up 7.8% from December.

Total machine tool shipments stood at $145.70 million, down 61.1% from December, due to the year-end clearing of work in process by machine tool builders.

"We are pleased that the new year has started on a positive orders note," James A. Gray, president of NMTBA, said. "A decline in shipments from December is to be expected and presents no surprise. It is traditional for machine tool builders to make an extra effort to complete and ship the machines that are in the latter stages of assembly before year-end.

"January, 1986 orders were down 10.8% compared to January, 1985. This is the seventh consecutive month, since July, 1985, in which net new orders have declined relative to the same month the year before. This disturbing trend is sure to be accelerated if President Reagan's anti-business tax legislation is passed without the capital recovery provisions necessary to sustain America's defense-vital basic industries."

machine tool builders
IMTS
The world of manufacturing technology

Metal cutting machine tool orders, totalled $135.00 million for January, were 15.8% above their December level. Metal forming machine tool orders, however, came to $53.65 million, a decline of 8.2% from December.

Metal cutting machine tool shipments, at $91.30 million, were down 68.3% from their December total of $287.85 million. Metal forming machine tool shipments were $54.40 million, down 37.1% from the December figure of $86.50 million. The shipments total of $145.70 million was down from December's $374.35 million, accounting for the 61.1% decline. January's shipments resulted in a $1.701 billion order backlog at the end of January, up from $1.658 billion at the end of December.

# # #

COMPARISON CHART

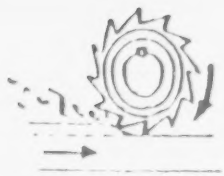
NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JAN 1986	124.75	10.25	135.00	48.25	5.40	53.65	173.00	15.65	188.65
DEC 1985	110.05	6.55	116.60	53.20	5.25	58.45	163.25	11.80	175.05
% CHANGE JAN 1986:DEC 1985	+13.4	+56.5	+15.8	-9.3	+2.9	-8.2	+6.0	+32.6	+7.8
JAN 1985	124.75	13.00	137.75	71.15	2.55	73.70	195.90	15.55	211.45
% CHANGE JAN 1986:JAN 1985	+0.0	-21.2	-2.0	-32.2	+111.8	-27.2	-11.7	+0.6	-10.8
YEAR TO DATE 1986									
YEAR TO DATE 1985		N/A			N/A			N/A	
% CHANGE 1986 : 1985									

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JAN 1986	73.85	17.45	91.30	50.75	3.65	54.40	124.60	21.10	145.70
DEC 1985	223.55	64.30	287.85	82.50	4.00	86.50	306.05	68.30	374.35
% CHANGE JAN 1986:DEC 1985	-67.0	-72.9	-68.3	-38.5	-8.8	-37.1	-59.3	-69.1	-61.1
JAN 1985	80.60	9.15	89.75	45.95	2.10	48.05	126.55	11.25	137.80
% CHANGE JAN 1986:JAN 1985	-8.4	+90.7	+1.7	+10.4	+73.8	+13.2	-1.5	+87.6	+5.7
YEAR TO DATE 1986									
YEAR TO DATE 1985		N/A			N/A			N/A	
% CHANGE 1986 : 1985									

Source: National Machine Tool Builders' Association

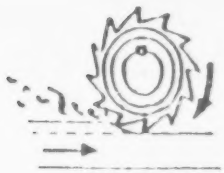


TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 2,262.15	$ 265.95	$ 2,528.10	1,657.55	$ 2,291.45	$ 253.75	$ 2,545.20
1986							
JAN (P)	$ 173.00	$ 15.65	$ 188.65	1,700.50	$ 124.60	$ 21.10	$ 145.70

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 2,433.30	$ 282.65	$ 2,715.95	$ 171.15	$ 16.70	$ 187.85
1986						
JAN (P)	$ 178.80	$ 17.05	$ 195.85	$ 5.80	$ 1.40	$ 7.20

P - Preliminary
NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	NET NEW ORDERS Foreign	NET NEW ORDERS Total	Order Backlog	SHIPMENTS Domestic	SHIPMENTS Foreign	SHIPMENTS Total
1985	$ 1,652.15	$ 200.95	$ 1,853.10	1,243.30	$ 1,548.50	$ 193.75	$ 1,742.25
1986							
JAN (P)	$ 124.75	$ 10.25	$ 135.00	1,287.00	$ 73.85	$ 17.45	$ 91.30

DATE	GROSS NEW ORDERS Domestic	GROSS NEW ORDERS Foreign	GROSS NEW ORDERS Total	CANCELLATIONS Domestic	CANCELLATIONS Foreign	CANCELLATIONS Total
1985	$ 1,769.20	$ 213.45	$ 1,982.65	$ 117.05	$ 12.50	$ 129.55
1986						
JAN (P)	$ 129.30	$ 11.45	$ 140.75	$ 4.55	$ 1.20	$ 5.75

P - Preliminary

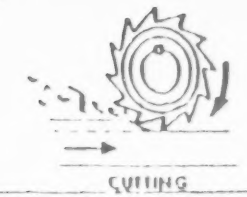
NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

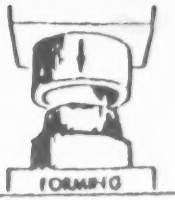
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 610.00	$ 65.00	$ 675.00	414.25	$ 742.95	$ 60.00	$ 802.95
1986							
JAN (P)	$ 48.25	$ 5.40	$ 53.65	413.50	$ 50.75	$ 3.65	$ 54.40

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 664.10	$ 69.20	$ 733.30	$ 54.10	$ 4.20	$ 58.30
1986						
JAN (P)	$ 49.50	$ 5.60	$ 55.10	$ 1.25	$ .20	$ 1.45

P - Preliminary
NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog

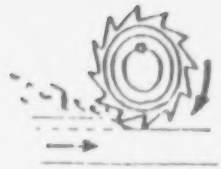


DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 195,900,000	$ 15,550,000	$ 211,450,000	1,748.30	$ 126,550,000	$ 11,250,000	$ 137,800,000
Feb.	$ 217,600,000	$ 19,900,000	$ 237,500,000	1,819.55	$ 151,650,000	$ 14,600,000	$ 166,250,000
Mar.	$ 249,750,000	$ 29,550,000	$ 279,300,000	1,871.20	$ 204,550,000	$ 23,100,000	$ 227,650,000
Apr.	$ 170,150,000	$ 13,350,000	$ 183,500,000	1,884.95	$ 161,800,000	$ 7,950,000	$ 169,750,000
May	$ 203,800,000	$ 18,900,000	$ 222,700,000	1,930.35	$ 163,800,000	$ 13,500,000	$ 177,300,000
June	$ 208,500,000	$ 26,700,000	$ 235,200,000	1,926.55	$ 222,750,000	$ 16,250,000	$ 239,000,000
July	$ 157,900,000	$ 41,950,000	$ 199,850,000	1,931.60	$ 174,550,000	$ 20,250,000	$ 194,800,000
Aug.	$ 162,600,000	$ 21,900,000	$ 184,500,000	1,900.20	$ 201,050,000	$ 14,850,000	$ 215,900,000
Sept.	$ 144,850,000	$ 29,250,000	$ 174,100,000	1,830.35	$ 220,800,000	$ 23,150,000	$ 243,950,000
Oct.	$ 204,200,000	$ 25,650,000	$ 229,850,000	1,860.90	$ 178,650,000	$ 20,650,000	$ 199,300,000
Nov.	$ 183,650,000	$ 11,450,000	$ 195,100,000	1,856.85	$ 179,250,000	$ 19,900,000	$ 199,150,000
Dec.	$ 163,250,000	$ 11,800,000	$ 175,050,000	1,657.55	$ 306,050,000	$ 68,300,000	$ 374,350,000
12 Mos.	$2,262,150,000	$ 265,950,000	$2,528,100,000		$2,291,450,000	$ 253,750,000	$2,545,200,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 209,000,000	$ 17,650,000	$ 226,850,000	$ 13,100,000	$ 2,300,000	$ 15,400,000
Feb.	$ 230,450,000	$ 20,650,000	$ 251,100,000	$ 12,850,000	$ 750,000	$ 13,600,000
Mar.	$ 266,100,000	$ 32,350,000	$ 298,450,000	$ 16,350,000	$ 2,800,000	$ 19,150,000
Apr.	$ 176,350,000	$ 14,950,000	$ 191,300,000	$ 6,200,000	$ 1,600,000	$ 7,800,000
May	$ 216,650,000	$ 19,250,000	$ 235,900,000	$ 12,850,000	$ 350,000	$ 13,200,000
June	$ 237,300,000	$ 27,900,000	$ 265,200,000	$ 28,800,000	$ 1,200,000	$ 30,000,000
July	$ 167,150,000	$ 42,250,000	$ 209,400,000	$ 9,250,000	$ 300,000	$ 9,550,000
Aug.	$ 167,000,000	$ 22,700,000	$ 189,700,000	$ 4,400,000	$ 800,000	$ 5,200,000
Sept.	$ 157,500,000	$ 29,800,000	$ 187,300,000	$ 12,650,000	$ 550,000	$ 13,200,000
Oct.	$ 215,700,000	$ 26,800,000	$ 242,500,000	$ 11,500,000	$ 1,150,000	$ 12,650,000
Nov.	$ 212,500,000	$ 14,750,000	$ 227,250,000	$ 28,850,000	$ 3,300,000	$ 32,150,000
Dec.	$ 177,600,000	$ 13,400,000	$ 191,000,000	$ 14,350,000	$ 1,600,000	$ 15,950,000
12 Mos.	$2,433,300,000	$ 282,650,000	$2,715,950,000	$ 171,150,000	$ 16,700,000	$ 187,850,000

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	NET NEW ORDERS Foreign	NET NEW ORDERS Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	SHIPMENTS Foreign	SHIPMENTS Total
1985							
Jan.	$ 124,750,000	$ 13,000,000	$ 137,750,000	1,180.45	$ 80,600,000	$ 9,150,000	$ 89,750,000
Feb.	$ 148,050,000	$ 15,700,000	$ 163,750,000	1,235.90	$ 98,950,000	$ 9,350,000	$ 108,300,000
Mar.	$ 202,700,000	$ 24,300,000	$ 227,000,000	1,303.90	$ 140,350,000	$ 18,650,000	$ 159,000,000
Apr.	$ 112,850,000	$ 9,250,000	$ 122,100,000	1,322.85	$ 98,150,000	$ 5,000,000	$ 103,150,000
May	$ 157,350,000	$ 13,400,000	$ 170,750,000	1,374.75	$ 110,000,000	$ 8,850,000	$ 118,850,000
June	$ 159,950,000	$ 22,900,000	$ 182,850,000	1,394.60	$ 149,400,000	$ 13,600,000	$ 163,000,000
July	$ 114,850,000	$ 35,000,000	$ 149,850,000	1,419.40	$ 111,300,000	$ 13,750,000	$ 125,050,000
Aug.	$ 115,700,000	$ 15,100,000	$ 130,800,000	1,407.15	$ 137,200,000	$ 5,850,000	$ 143,050,000
Sept.	$ 108,250,000	$ 15,850,000	$ 124,100,000	1,356.30	$ 158,600,000	$ 16,350,000	$ 174,950,000
Oct.	$ 134,950,000	$ 21,050,000	$ 156,000,000	1,382.40	$ 114,050,000	$ 15,850,000	$ 129,900,000
Nov.	$ 162,700,000	$ 8,850,000	$ 171,550,000	1,414.55	$ 126,350,000	$ 13,050,000	$ 139,400,000
Dec.	$ 110,050,000	$ 6,550,000	$ 116,600,000	1,243.30	$ 223,550,000	$ 64,300,000	$ 287,850,000
12 Mos.	$1,652,150,000	$ 200,950,000	$1,853,100,000		$1,548,500,000	$193,750,000	$1,742,250,000

DATE	GROSS NEW ORDERS Domestic	GROSS NEW ORDERS Foreign	GROSS NEW ORDERS Total	CANCELLATIONS Domestic	CANCELLATIONS Foreign	CANCELLATIONS Total
1985						
Jan.	$ 136,250,000	$ 14,050,000	$ 150,300,000	$ 11,500,000	$ 1,050,000	$ 12,550,000
Feb.	$ 158,900,000	$ 16,400,000	$ 175,300,000	$ 10,850,000	$ 700,000	$ 11,550,000
Mar.	$ 212,600,000	$ 27,050,000	$ 239,650,000	$ 9,900,000	$ 2,750,000	$ 12,650,000
Apr.	$ 117,000,000	$ 10,200,000	$ 127,200,000	$ 4,150,000	$ 950,000	$ 5,100,000
May	$ 163,800,000	$ 13,700,000	$ 177,500,000	$ 6,450,000	$ 300,000	$ 6,750,000
June	$ 187,050,000	$ 24,050,000	$ 211,100,000	$ 27,100,000	$ 1,150,000	$ 28,250,000
July	$ 121,550,000	$ 35,250,000	$ 156,800,000	$ 6,700,000	$ 250,000	$ 6,950,000
Aug.	$ 119,900,000	$ 15,850,000	$ 135,750,000	$ 4,200,000	$ 750,000	$ 4,950,000
Sept.	$ 117,000,000	$ 16,300,000	$ 133,300,000	$ 8,750,000	$ 450,000	$ 9,200,000
Oct.	$ 143,650,000	$ 21,700,000	$ 165,350,000	$ 8,700,000	$ 650,000	$ 9,350,000
Nov.	$ 169,300,000	$ 10,800,000	$ 180,100,000	$ 6,600,000	$ 1,950,000	$ 8,550,000
Dec.	$ 122,200,000	$ 8,100,000	$ 130,300,000	$ 12,150,000	$ 1,550,000	$ 13,700,000
12 Mos.	$1,769,200,000	$ 213,450,000	$1,982,650,000	$ 117,050,000	$ 12,500,000	$ 129,550,000

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 71,150,000	$ 2,550,000	$ 73,700,000	567.85	$ 45,950,000	$ 2,100,000	$ 48,050,000
Feb.	$ 69,550,000	$ 4,200,000	$ 73,750,000	583.65	$ 52,700,000	$ 5,250,000	$ 57,950,000
Mar.	$ 47,050,000	$ 5,250,000	$ 52,300,000	567.30	$ 64,200,000	$ 4,450,000	$ 68,650,000
Apr.	$ 57,300,000	$ 4,100,000	$ 61,400,000	562.10	$ 63,650,000	$ 2,950,000	$ 66,600,000
May	$ 46,450,000	$ 5,500,000	$ 51,950,000	555.60	$ 53,800,000	$ 4,650,000	$ 58,450,000
June	$ 48,550,000	$ 3,800,000	$ 52,350,000	531.95	$ 73,350,000	$ 2,650,000	$ 76,000,000
July	$ 43,050,000	$ 6,950,000	$ 50,000,000	512.20	$ 63,250,000	$ 6,500,000	$ 69,750,000
Aug.	$ 46,900,000	$ 6,800,000	$ 53,700,000	493.05	$ 63,850,000	$ 9,000,000	$ 72,850,000
Sept.	$ 36,600,000	$ 13,400,000	$ 50,000,000	474.05	$ 62,200,000	$ 6,800,000	$ 69,000,000
Oct.	$ 69,250,000	$ 4,600,000	$ 73,850,000	478.50	$ 64,600,000	$ 4,800,000	$ 69,400,000
Nov.	$ 20,950,000	$ 2,600,000	$ 23,550,000	442.30	$ 52,900,000	$ 6,850,000	$ 59,750,000
Dec.	$ 53,200,000	$ 5,250,000	$ 58,450,000	414.25	$ 82,500,000	$ 4,000,000	$ 86,500,000
12 Mos.	$ 610,000,000	$ 65,000,000	$ 675,000,000		$ 742,950,000	$ 60,000,000	$ 802,950,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 72,750,000	$ 3,800,000	$ 76,550,000	$ 1,600,000	$ 1,250,000	$ 2,850,000
Feb.	$ 71,550,000	$ 4,250,000	$ 75,800,000	$ 2,000,000	$ 50,000	$ 2,050,000
Mar.	$ 53,500,000	$ 5,300,000	$ 58,800,000	$ 6,450,000	$ 50,000	$ 6,500,000
Apr.	$ 59,350,000	$ 4,750,000	$ 64,100,000	$ 2,050,000	$ 650,000	$ 2,700,000
May	$ 52,850,000	$ 5,550,000	$ 58,400,000	$ 6,400,000	$ 50,000	$ 6,450,000
June	$ 50,250,000	$ 3,850,000	$ 54,100,000	$ 1,700,000	$ 50,000	$ 1,750,000
July	$ 45,600,000	$ 7,000,000	$ 52,600,000	$ 2,550,000	$ 50,000	$ 2,600,000
Aug.	$ 47,100,000	$ 6,850,000	$ 53,950,000	$ 200,000	$ 50,000	$ 250,000
Sept.	$ 40,500,000	$ 13,500,000	$ 54,000,000	$ 3,900,000	$ 100,000	$ 4,000,000
Oct.	$ 72,050,000	$ 5,100,000	$ 77,150,000	$ 2,800,000	$ 500,000	$ 3,300,000
Nov.	$ 43,200,000	$ 3,950,000	$ 47,150,000	$ 22,250,000	$ 1,350,000	$ 23,600,000
Dec.	$ 55,400,000	$ 5,300,000	$ 60,700,000	$ 2,200,000	$ 50,000	$ 2,250,000
12 Mos.	$ 664,100,000	$ 69,200,000	$ 733,300,000	$ 54,100,000	$ 4,200,000	$ 58,300,000

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

3/21/86 A8050-1A

News Release

FOR RELEASE: March 31, 1986
Contact: Charles Pollock
Michael Codel

MACHINE TOOL ORDERS UP 10.7% IN FEBRUARY

The National Machine Tool Builders' Association reported today that February net new orders for machine tools were just over $211 million, up 10.7% from January. However, measured against a year ago, total net new orders continued their decline, off 11.1% from February 1985. This is the eighth consecutive month that new orders have declined relative to the same month the year before.

Metal cutting machine tools increased 25.0% in January, going from $135.0 million to $168.8 million. Conversely, new orders for metal forming machine tools declined 24.1% to $42.3 million from January's $55.8 million.

NMTBA president James Gray pointed out that the signs are mixed. "We are seeing an increase in shipments, which certainly helps cash flow, but still no turnaround in net new orders. The manufacturing industries are caught in the middle as Congress and the President debate the various tax proposals. Up to a point, we are optimistic about the future as American industry moves to

(more)

modernize and improve its competitive position. It will be most unfortunate if the President and the Congress negate the beneficial environment caused by lower interest rates, falling energy prices and a lower valued dollar with increased taxes on capital. We commend Senator Packwood for his proposal that preserves current depreciation periods for machine tools and most other assets."

Total machine tool shipments for the month stood at $202.6 million, up 38.9% from the January 1986 and a healthy 21.8% increase over February 1985. Metal cutting shipments totalled $124.0 million for February and were 35.5% above their January level. At $78.6 million metal forming shipments were up 44.6% from their January total.

The industry's order backlog rose to $1,711 million in February, up slightly from $1,702 million in January.

# # #

COMPARISON CHART

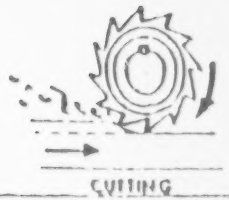
NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
FEB 1986	161.15	7.65	168.80	38.10	4.20	42.30	199.25	11.85	211.10
JAN 1986	124.75	10.25	135.00	50.20	5.55	55.75	174.95	15.80	190.75
% CHANGE									
FEB 1986:JAN 1986	+29.2	-25.4	+25.0	-24.1	-24.3	-24.1	+13.9	-25.0	+10.7
FEB 1985	148.05	15.70	163.75	69.55	4.20	73.75	217.60	19.90	237.50
% CHANGE									
FEB 1986:FEB 1985	+8.8	-51.3	+3.1	-45.2	+0.0	-42.6	-8.4	-40.5	-11.1
YEAR TO DATE 1986	285.90	17.90	303.80	88.30	9.75	98.05	374.20	27.65	401.85
YEAR TO DATE 1985	272.80	28.70	301.50	140.70	6.75	147.45	413.50	35.45	448.95
% CHANGE									
1986 : 1985	+4.8	-37.6	+0.8	-37.2	+44.4	-33.5	-8.5	-22.0	-10.5

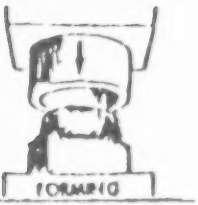
SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
FEB 1986	109.55	14.40	123.95	76.00	2.60	78.60	185.55	17.00	202.55
JAN 1986	74.05	17.45	91.50	50.80	3.55	54.35	124.85	21.00	145.85
% CHANGE									
FEB 1986:JAN 1986	+47.9	-17.5	+35.5	+49.6	-26.8	+44.6	+48.6	-19.0	+38.9
FEB 1985	98.95	9.35	108.30	52.70	5.25	57.95	151.65	14.60	166.25
% CHANGE									
FEB 1986:FEB 1985	+10.7	+54.0	+14.5	+44.2	-50.5	+35.6	+22.4	+16.4	+21.8
YEAR TO DATE 1986	183.60	31.85	215.45	126.80	6.15	132.95	310.40	38.00	348.40
YEAR TO DATE 1985	179.55	18.50	198.05	98.65	7.35	106.00	278.20	25.85	304.05
% CHANGE									
1986 : 1985	+2.3	+72.2	+8.8	+28.5	-16.3	+25.4	+11.6	+47.0	+14.6

Source: National Machine Tool Builders' Association



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

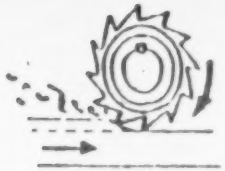


DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 2,262.15	$ 265.95	$ 2,528.10	1,657.55	$ 2,291.45	$ 253.75	$ 2,545.20
1986							
JAN	$ 174.95	$ 15.80	$ 190.75	1,702.45	$ 124.85	$ 21.00	$ 145.85
FEB (P)	$ 199.25	$ 11.85	$ 211.10	1,711.00	$ 185.55	$ 17.00	$ 202.55
2 MONTHS	$ 374.20	$ 27.65	$ 401.85		$ 310.40	$ 38.00	$ 348.40

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 2,433.30	$ 282.65	$ 2,715.95	$ 171.15	$ 16.70	$ 187.85
1986						
JAN	$ 180.65	$ 17.20	$ 197.85	$ 5.70	$ 1.40	$ 7.10
FEB (P)	$ 216.15	$ 14.00	$ 230.15	$ 16.90	$ 2.15	$ 19.05
2 MONTHS	$ 396.80	$ 31.20	$ 428.00	$ 22.60	$ 3.55	$ 26.15

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

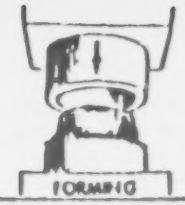


INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 1,652.15	$ 200.95	$ 1,853.10	1,243.30	$ 1,548.50	$ 193.75	$ 1,742.25
1986							
JAN	$ 124.75	$ 10.25	$ 135.00	1,286.80	$ 74.05	$ 17.45	$ 91.50
FEB (P)	$ 161.15	$ 7.65	$ 168.80	1,331.65	$ 109.55	$ 14.40	$ 123.95
2 MONTHS	$ 285.90	$ 17.90	$ 303.80		$ 183.60	$ 31.85	$ 215.45

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 1,769.20	$ 213.45	$ 1,982.65	$ 117.05	$ 12.50	$ 129.55
1986						
JAN	$ 129.30	$ 11.45	$ 140.75	$ 4.55	$ 1.20	$ 5.75
FEB (P)	$ 166.20	$ 9.65	$ 175.85	$ 5.05	$ 2.00	$ 7.05
2 MONTHS	$ 295.50	$ 21.10	$ 316.60	$ 9.60	$ 3.20	$ 12.80

P - Preliminary
NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 610.00	$ 65.00	$ 675.00	414.25	$ 742.95	$ 60.00	$ 802.95
1986							
JAN	$ 50.20	$ 5.55	$ 55.75	415.65	$ 50.80	$ 3.55	$ 54.35
FEB (P)	$ 38.10	$ 4.20	$ 42.30	379.35	$ 76.00	$ 2.60	$ 78.60
2 MONTHS	$ 88.30	$ 9.75	$ 98.05		$ 126.80	$ 6.15	$ 132.95

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 664.10	$ 69.20	$ 733.30	$ 54.10	$ 4.20	$ 58.30
1986						
JAN	$ 51.35	$ 5.75	$ 57.10	$ 1.15	$ .20	$ 1.35
FEB (P)	$ 49.95	$ 4.35	$ 54.30	$ 11.85	$ .15	$ 12.00
2 MONTHS	$ 101.30	$ 10.10	$ 111.40	$ 13.00	$ .35	$ 13.35

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-1

News Release

FOR RELEASE: April 28, 1986
Contact: Charles Pollock
Michael Codel

MACHINE TOOL ORDERS RISE SLIGHTLY IN MARCH

The National Machine Tool Builders' Association reported today that net March orders for new machine tools rose 2.1% over February to $214.75 million, but declined 23.1% compared to March a year ago. At $615.90 million, year-to-date new order figures were down 15.4% compared to the first quarter of 1985.

"The continuing sluggishness in the new order picture is a serious concern to us," observed James A. Gray, president of the National Machine Tool Builders' Association. "America's manufacturing industries have taken their lumps over the past 10 years because of the high value of the dollar, and the machine tool industry has suffered along with them. With the dollar situation now being reversed, we had hoped to see a rekindling of investment by domestic industry. However, the specter of 'tax reform' looms large over manufacturing. Every day we hear that money is available for capital improvement, but that purchase plans can't be finalized until the tax and economic situation becomes clearer. This Washington-induced wait-and-see attitude is costing our industry dearly."

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With net new order of $55.05 million, metal forming new orders were up 31.7% over February. This represents a rise of 5.3% over March a year ago. Shipments of metal forming equipment were 13.0% over March a year ago. Year-to-date shipments stood at $210.70 million, 20.6% above the figure for the same period in 1985.

Metal cutting machine tool orders totaled $159.70 million for March, a 5.3% drop from their February level, and a 29.6% drop from March a year ago. Year-to-date figures were off 12.3%. Metal cutting shipments rose to $171.60 million in March, an increase of 38.5% for the month. Year-to-date metal cutting shipments were up 8.4%.

With shipments exceeding orders, the preliminary combined metal cutting and metal forming backlog figure of of $1,675.75 million for March represents a drop from the February figure of $1,710.20 million. At $1,319.60 million the metal cutting backlog is down from $1,331.50 million. The metal forming backlog stands at $356.15 million, down from $378.70 million a month ago.

# # #

COMPARISON CHART

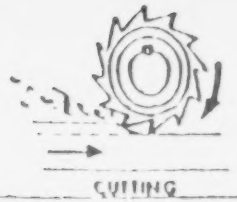
NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
MAR 1986	146.10	13.60	159.70	51.10	3.95	55.05	197.20	17.55	214.75
FEB 1986	160.65	7.95	168.60	37.60	4.20	41.80	198.25	12.15	210.40
% CHANGE									
MAR 1986:FEB 1986	-9.1	+71.1	-5.3	+35.9	-6.0	+31.7	-0.5	+44.4	+2.1
MAR 1985	202.70	24.30	227.00	47.05	5.25	52.30	249.75	29.55	279.30
% CHANGE									
MAR 1986:MAR 1985	-27.9	-44.0	-29.6	+8.6	-24.8	+5.3	-21.0	-40.6	-23.1
YEAR TO DATE 1986	431.50	31.80	463.30	138.90	13.70	152.60	570.40	45.50	615.90
YEAR TO DATE 1985	475.50	53.00	528.50	187.75	12.00	199.75	663.25	65.00	728.25
% CHANGE									
1986 : 1985	-9.3	-40.0	-12.3	-26.0	+14.2	-23.6	-14.0	-30.0	-15.4

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
MAR 1986	148.25	23.35	171.60	71.45	6.15	77.60	219.70	29.50	249.20
FEB 1986	109.50	14.40	123.90	76.15	2.60	78.75	185.65	17.00	202.65
% CHANGE									
MAR 1986:FEB 1986	+35.4	+62.2	+38.5	-6.2	+136.5	-1.5	+18.3	+73.5	+23.0
MAR 1985	140.35	18.65	159.00	64.20	4.45	68.65	204.55	23.10	227.65
% CHANGE									
MAR 1986:MAR 1985	+5.6	+25.2	+7.9	+11.3	+38.2	+13.0	+7.4	+27.7	+9.5
YEAR TO DATE 1986	331.80	55.20	387.00	198.40	12.30	210.70	530.20	67.50	597.70
YEAR TO DATE 1985	319.90	37.15	357.05	162.85	11.80	174.65	482.75	48.95	531.70
% CHANGE									
1986 : 1985	+3.7	+48.6	+8.4	+21.8	+4.2	+20.6	+9.8	+37.9	+12.4

Source: National Machine Tool Builders' Association

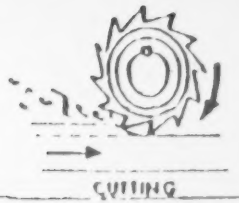


TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 2,262.15	$ 265.95	$ 2,528.10	1,657.55	$ 2,291.45	$ 253.75	$ 2,545.20
1986							
JAN	$ 174.95	$ 15.80	$ 190.75	1,702.45	$ 124.85	$ 21.00	$ 145.85
FEB	$ 198.25	$ 12.15	$ 210.40	1,710.20	$ 185.65	$ 17.00	$ 202.65
MAR (P)	$ 197.20	$ 17.55	$ 214.75	1,675.75	$ 219.70	$ 29.50	$ 249.20
3 MONTHS	$ 570.40	$ 45.50	$ 615.90		$ 530.20	$ 67.50	$ 597.70

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 2,433.30	$ 282.65	$ 2,715.95	$ 171.15	$ 16.70	$ 187.85
1986						
JAN	$ 180.65	$ 17.20	$ 197.85	$ 5.70	$ 1.40	$ 7.10
FEB	$ 214.85	$ 14.65	$ 229.50	$ 16.60	$ 2.50	$ 19.10
MAR (P)	$ 203.50	$ 18.15	$ 221.65	$ 6.30	$ .60	$ 6.90
3 MONTHS	$ 599.00	$ 50.00	$ 649.00	$ 28.60	$ 4.50	$ 33.10

P - Preliminary
NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

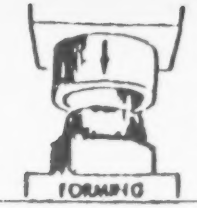


INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 1,652.15	$ 200.95	$ 1,853.10	1,243.30	$ 1,548.50	$ 193.75	$ 1,742.25
1986							
JAN	$ 124.75	$ 10.25	$ 135.00	1,286.80	$ 74.05	$ 17.45	$ 91.50
FEB	$ 160.65	$ 7.95	$ 168.60	1,331.50	$ 109.50	$ 14.40	$ 123.90
MAR (P)	$ 146.10	$ 13.60	$ 159.70	1,319.60	$ 148.25	$ 23.35	$ 171.60
3 MONTHS	$ 431.50	$ 31.80	$ 463.30		$ 331.80	$ 55.20	$ 387.00

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 1,769.20	$ 213.45	$ 1,982.65	$ 117.05	$ 12.50	$ 129.55
1986						
JAN	$ 129.30	$ 11.45	$ 140.75	$ 4.55	$ 1.20	$ 5.75
FEB	$ 165.70	$ 9.95	$ 175.65	$ 5.05	$ 2.00	$ 7.05
MAR (P)	$ 150.60	$ 14.05	$ 164.65	$ 4.50	$ .45	$ 4.95
3 MONTHS	$ 445.60	$ 35.45	$ 481.05	$ 14.10	$ 3.65	$ 17.75

P - Preliminary
NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 610.00	$ 65.00	$ 675.00	414.25	$ 742.95	$ 60.00	$ 802.95
1986							
JAN	$ 50.20	$ 5.55	$ 55.75	415.65	$ 50.80	$ 3.55	$ 54.35
FEB	$ 37.60	$ 4.20	$ 41.80	378.70	$ 76.15	$ 2.60	$ 78.75
MAR (P)	$ 51.10	$ 3.95	$ 55.05	356.15	$ 71.45	$ 6.15	$ 77.60
3 MONTHS	$ 138.90	$ 13.70	$ 152.60		$ 198.40	$ 12.30	$ 210.70

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 664.10	$ 69.20	$ 733.30	$ 54.10	$ 4.20	$ 58.30
1986						
JAN	$ 51.35	$ 5.75	$ 57.10	$ 1.15	$ .20	$ 1.35
FEB	$ 49.15	$ 4.70	$ 53.85	$ 11.55	$ .50	$ 12.05
MAR (P)	$ 52.90	$ 4.10	$ 57.00	$ 1.80	$ .15	$ 1.95
3 MONTHS	$ 153.40	$ 14.55	$ 167.95	$ 14.50	$ .85	$ 15.35

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(Dollar Figures in Thousands)
1980 to Date

	Cutting and Forming			Cutting			Forming		
	Shipments		Net	Shipments		Net	Shipments		Net
Date	Total	Foreign	New Orders	Total	Foreign	New Orders	Total	Foreign	New Orders
1980-1	$1,146,150	$115,700	$1,517,450	$ 881,400	$ 86,750	$1,207,800	$ 264,750	$ 28,950	$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	1,303,250	202,400	984,000	1,043,600	162,550	806,550	259,650	39,850	177,450
Total	$4,691,750	$607,500	$4,754,300	$3,680,800	$474,800	$3,884,750	$1,010,950	$ 132,700	$ 869,550
1981-1	$1,288,200	$210,800	$ 920,350	$1,017,850	$155,600	$ 706,600	$ 270,350	$ 55,200	$ 213,750
2	1,167,500	236,350	867,000	1,103,100	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,050	564,050	1,062,950	111,050	405,050	243,000	32,000	159,000
Total	$5,095,600	$718,950	$2,944,850	$4,104,500	$551,050	$2,228,100	$ 991,100	$ 166,900	$ 716,750
1982-1	$1,154,200	$112,650	$ 506,800	$ 933,050	$ 71,750	$ 384,850	$ 221,150	$ 40,900	$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	$3,604,400	$406,050	$1,497,750	$2,894,750	$296,150	$1,064,450	$ 709,650	$ 109,900	$ 433,300
1983-1	$ 487,450	$ 56,650	$ 314,850	$ 370,600	$ 40,800	$ 224,100	$ 116,850	$ 15,850	$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3	357,050	42,900	468,150	252,350	32,200	322,200	104,700	10,700	145,950
4	530,900	57,150	514,050	391,050	49,600	336,050	139,850	7,550	178,000
Total	$1,845,050	$215,000	$1,696,150	$1,371,500	$171,900	$1,151,650	$ 473,550	$ 43,100	$ 544,500
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	572,300	50,700	764,400	401,800	28,250	499,200	170,500	22,450	265,200
3	568,850	41,850	800,200	401,550	24,300	493,000	167,300	17,550	307,200
4	695,200	60,150	750,750	505,050	45,000	510,850	190,150	15,150	239,900
Total	$2,285,850	$193,250	$2,915,800	$1,606,500	$122,650	$1,915,800	$ 679,350	$ 70,600	$1,000,000
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	586,050	37,700	641,400	385,000	27,450	475,700	201,050	10,250	165,700
3	654,650	58,250	558,450	443,050	35,950	404,750	211,600	22,300	153,700
4	772,800	108,850	600,000	557,150	93,200	444,150	215,650	15,650	155,850
Total	$2,545,200	$253,750	$2,528,100	$1,742,250	$193,750	$1,853,100	$ 802,950	$ 60,000	$ 675,000
1986-1P	$ 597,700	$ 67,500	$ 615,900	$ 387,000	$ 55,200	$ 463,300	$ 210,700	$ 12,300	$ 152,600

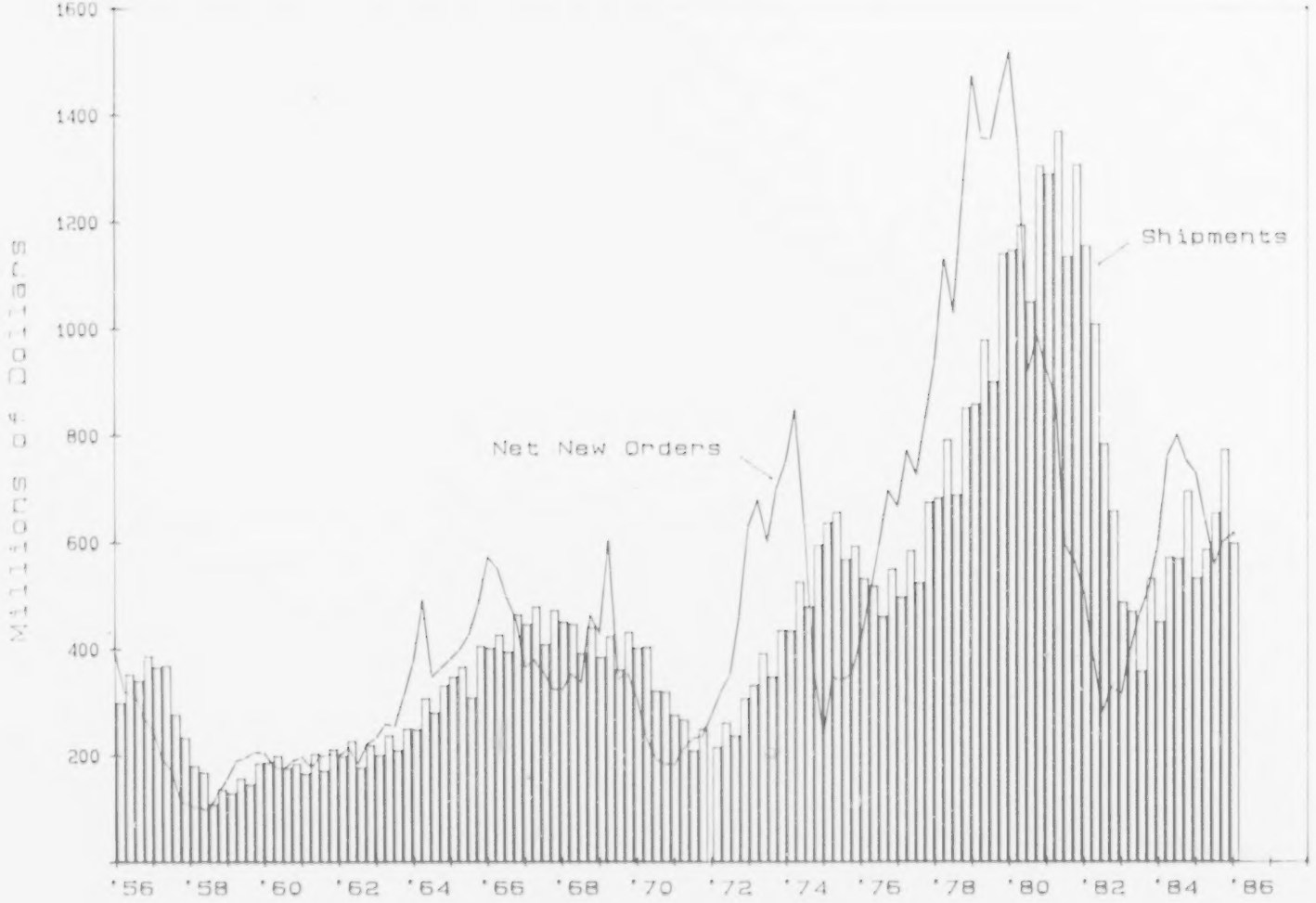
P - Preliminary

NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1986, contact: NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102-4269. Phone: 703:893-2900

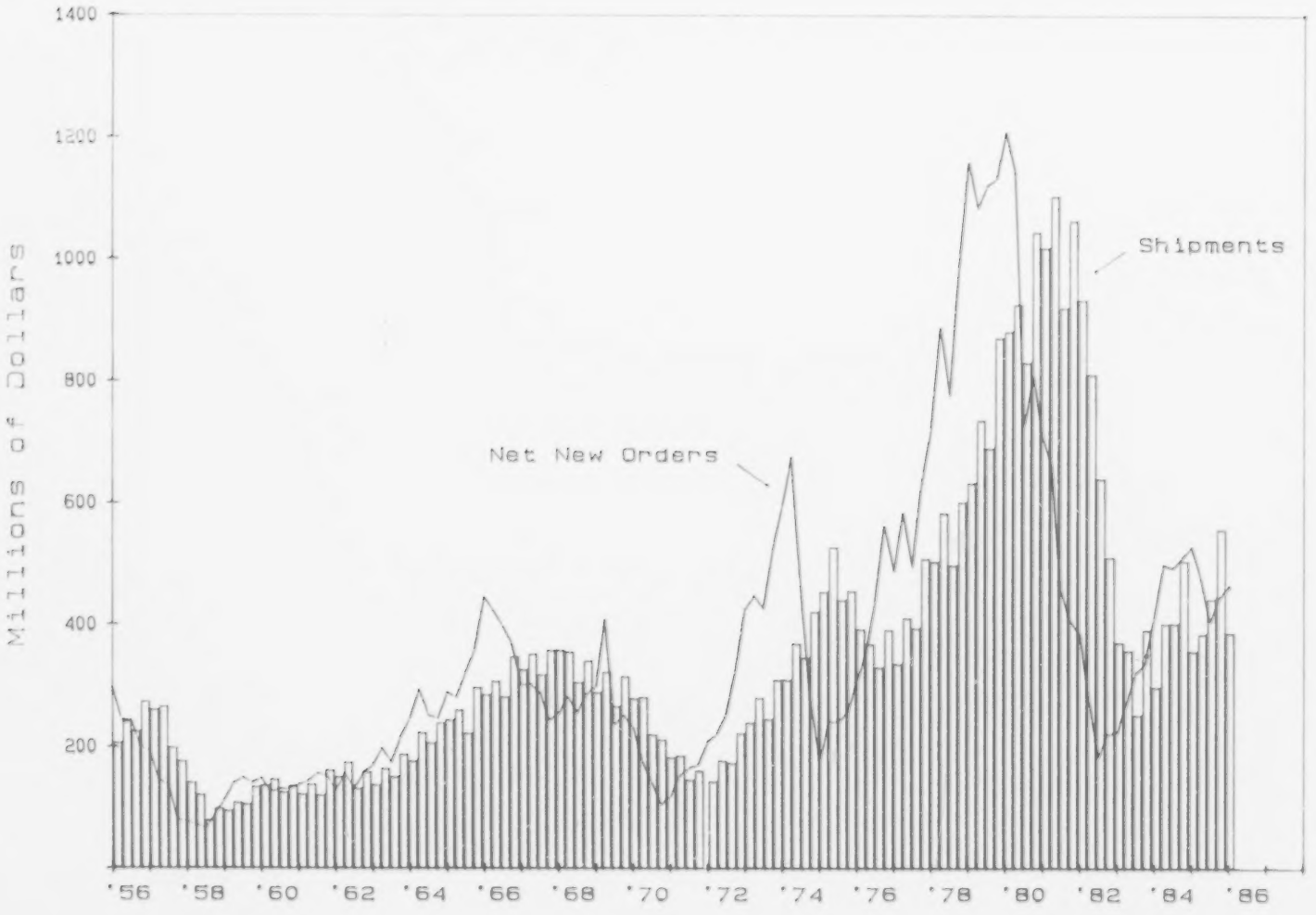
Source: National Machine Tool Builders' Association

April 28, 1986

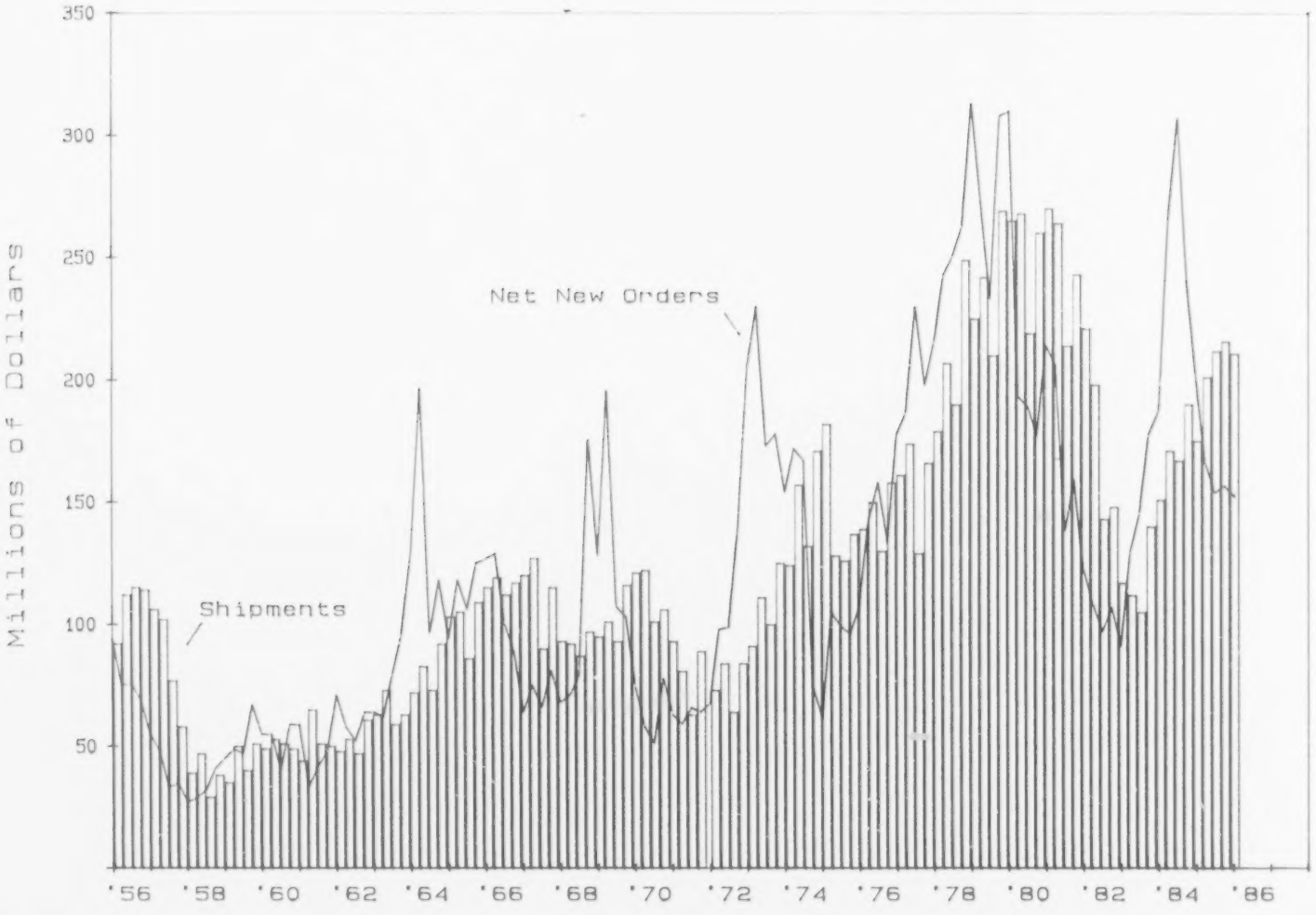
Total Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1986: 1



Metal Cutting Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1986: 1



Metal Forming Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1986: 1



A8050-1A

News Release

national machine tool builders

FOR RELEASE: May 27, 1986
Contact: Charles Pollock
Michael Codel

MACHINE TOOL ORDERS DOWN IN APRIL

New metalworking orders for April fell to $193.45 million, down 9.9% from the $214.60 million posted in March, the National Machine Tool Builders' Association reported today. Orders for metal cutting machinery fell 14.8% to $136.25 million from $159.90 million. Metal forming orders rose 4.6% to $57.20 million from $54.70 million.

Comparing April 1986 to April 1985, metal cutting orders rose 11.6%, while metal forming orders fell 6.8%, resulting in a net order gain of 5.4% over the same month a year ago. However, year-to-date figures for 1986 compared to last year show an across-the-board drop, with metal cutting down 7.8% and metal forming down 19.8%, resulting in a combined loss of 11.2%.

On a hopeful note, NMTBA President James A. Gray observed that, "Perhaps, finally, the long, long wait on tax legislation will soon be over. With the sweeping new proposals offered by Senator Packwood, we are encouraged in our hope that decisions will be made and some definition of future tax policy will be forthcoming. Manufacturers finally will have the information they need to plan their investments."

(more)

INTERNATIONAL MACHINE TOOL SHOW IMTS The world of manufacturing technology

Total cutting and forming shipments fell by 15.6% in April, dropping to $210.10. April metal cutting shipments fell to $152.90 million, a 10.9% drop. Metal forming shipments fell by 26.0%, down to $57.20 million for the month. Year-to-date combined shipments showed a 15.1% rise over the same term a year ago, with metal cutting up 17.3% and metal forming up 10.9%.

Metal cutting backlogs were down to $1,303.20 million, a drop of $16.65 million for the month. The metal forming backlog remained the same as in March at $356.15 million. The April combined metal cutting and metal forming backlog figure has dropped to $1,659.35 million.

# # # # #

COMPARISON CHART

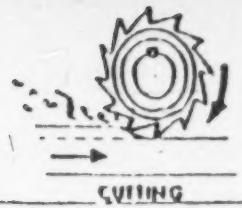
NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
APR 1986	118.40	17.85	136.25	51.05	6.15	57.20	169.45	24.00	193.45
MAR 1986	146.05	13.85	159.90	50.75	3.95	54.70	196.80	17.80	214.60
% CHANGE									
APR 1986:MAR 1986	-18.9	+28.9	-14.8	+0.6	+55.7	+4.6	-13.9	+34.8	-9.9
APR 1985	112.85	9.25	122.10	57.30	4.10	61.40	170.15	13.35	183.50
% CHANGE									
APR 1986:APR 1985	+4.9	+93.0	+11.6	-10.9	+50.0	-6.8	-0.4	+79.8	+5.4
YEAR TO DATE 1986	549.85	49.90	599.75	189.60	19.85	209.45	739.45	69.75	809.20
YEAR TO DATE 1985	588.35	62.25	650.60	245.05	16.10	261.15	833.40	78.35	911.75
% CHANGE									
1986 : 1985	-6.5	-19.8	-7.8	-22.6	+23.3	-19.8	-11.3	-11.0	-11.2

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
APR 1986	140.85	12.05	152.90	50.50	6.70	57.20	191.35	18.75	210.10
MAR 1986	148.20	23.35	171.55	71.10	6.15	77.25	219.30	29.50	248.80
% CHANGE									
APR 1986:MAR 1986	-5.0	-48.4	-10.9	-29.0	+8.9	-26.0	-12.7	-36.4	-15.6
APR 1985	98.15	5.00	103.15	63.65	2.95	66.60	161.80	7.95	169.75
% CHANGE									
APR 1986:APR 1985	+43.5	+141.0	+48.2	-20.7	+127.1	-14.1	+18.3	+135.8	+23.8
YEAR TO DATE 1986	472.60	67.25	539.85	248.55	19.00	267.55	721.15	86.25	807.40
YEAR TO DATE 1985	418.05	42.15	460.20	226.50	14.75	241.25	644.55	56.90	701.45
% CHANGE									
1986 : 1985	+13.0	+59.5	+17.3	+9.7	+28.8	+10.9	+11.9	+51.6	+15.1

Source: National Machine Tool Builders' Association



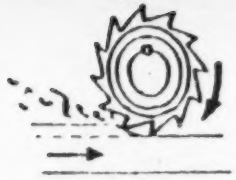
TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 2,262.15	$ 265.95	$ 2,528.10	1,657.55	$ 2,291.45	$ 253.75	$ 2,545.20
1986							
JAN	$ 174.95	$ 15.80	$ 190.75	1,702.45	$ 124.85	$ 21.00	$ 145.85
FEB	$ 198.25	$ 12.15	$ 210.40	1,710.20	$ 185.65	$ 17.00	$ 202.65
MAR	$ 196.80	$ 17.80	$ 214.60	1,676.00	$ 219.30	$ 29.50	$ 248.80
APR (P)	$ 169.45	$ 24.00	$ 193.45	1,659.35	$ 191.35	$ 18.75	$ 210.10
4 MONTHS	$ 739.45	$ 69.75	$ 809.20		$ 721.15	$ 86.25	$ 807.40

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 2,433.30	$ 282.65	$ 2,715.95	$ 171.15	$ 16.70	$ 187.85
1986						
JAN	$ 180.65	$ 17.20	$ 197.85	$ 5.70	$ 1.40	$ 7.10
FEB	$ 214.85	$ 14.65	$ 229.50	$ 16.60	$ 2.50	$ 19.10
MAR	$ 203.35	$ 18.40	$ 221.75	$ 6.55	$ .60	$ 7.15
APR (P)	$ 181.30	$ 24.45	$ 205.75	$ 11.85	$ .45	$ 12.30
4 MONTHS	$ 780.15	$ 74.70	$ 854.85	$ 40.70	$ 4.95	$ 45.65

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 1,652.15	$ 200.95	$ 1,853.10	1,243.30	$ 1,548.50	$ 193.75	$ 1,742.25
1986							
JAN	$ 124.75	$ 10.25	$ 135.00	1,286.80	$ 74.05	$ 17.45	$ 91.50
FEB	$ 160.65	$ 7.95	$ 168.60	1,331.50	$ 109.50	$ 14.40	$ 123.90
MAR	$ 146.05	$ 13.85	$ 159.90	1,319.85	$ 148.20	$ 23.35	$ 171.55
APR (P)	$ 118.40	$ 17.85	$ 136.25	1,303.20	$ 140.85	$ 12.05	$ 152.90
4 MONTHS	$ 549.85	$ 49.90	$ 599.75		$ 472.60	$ 67.25	$ 539.85

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 1,769.20	$ 213.45	$ 1,982.65	$ 117.05	$ 12.50	$ 129.55
1986						
JAN	$ 129.30	$ 11.45	$ 140.75	$ 4.55	$ 1.20	$ 5.75
FEB	$ 165.70	$ 9.95	$ 175.65	$ 5.05	$ 2.00	$ 7.05
MAR	$ 150.55	$ 14.30	$ 164.85	$ 4.50	$ .45	$ 4.95
APR (P)	$ 127.50	$ 18.25	$ 145.75	$ 9.10	$ .40	$ 9.50
4 MONTHS	$ 573.05	$ 53.95	$ 627.00	$ 23.20	$ 4.05	$ 27.25

P - Preliminary
NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 610.00	$ 65.00	$ 675.00	414.25	$ 742.95	$ 60.00	$ 802.95
1986							
JAN	$ 50.20	$ 5.55	$ 55.75	415.65	$ 50.80	$ 3.55	$ 54.35
FEB	$ 37.60	$ 4.20	$ 41.80	378.70	$ 76.15	$ 2.60	$ 78.75
MAR	$ 50.75	$ 3.95	$ 54.70	356.15	$ 71.10	$ 6.15	$ 77.25
APR (P)	$ 51.05	$ 6.15	$ 57.20	356.15	$ 50.50	$ 6.70	$ 57.20
4 MONTHS	$ 189.60	$ 19.85	$ 209.45		$ 248.55	$ 19.00	$ 267.55

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 664.10	$ 69.20	$ 733.30	$ 54.10	$ 4.20	$ 58.30
1986						
JAN	$ 51.35	$ 5.75	$ 57.10	$ 1.15	$ .20	$ 1.35
FEB	$ 49.15	$ 4.70	$ 53.85	$ 11.55	$ .50	$ 12.05
MAR	$ 52.80	$ 4.10	$ 56.90	$ 2.05	$ .15	$ 2.20
APR (P)	$ 53.80	$ 6.20	$ 60.00	$ 2.75	$ .05	$ 2.80
4 MONTHS	$ 207.10	$ 20.75	$ 227.85	$ 17.50	$ .90	$ 18.40

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-1A

News Release

national machine tool builders association

FOR RELEASE: June 30, 1986
Contact: Charles Pollock
Michael Codel

MACHINE TOOL ORDERS AND SHIPMENTS RISE IN MAY

The National Machine Tool Builders' Association reported today that May orders for machine tools totaled $207.20 million, up 7.2% from April's figure of $193.25 million. The biggest gain was in metal forming orders which rose 12.1% to $64.00 million from $57.10 million the previous month. Metal cutting orders rose from $136.15 million to $143.20 million, a 5.2% increase.

Despite the monthly rise, year-to-date orders for both metal cutting and metal forming machinery showed a decline from 1985. Metal cutting machine tool orders dropped from $821.35 million in 1985 to $742.85 million in 1986, a 9.6% decrease. Orders for metal forming equipment dropped from $313.10 million to $273.35 million for a loss of 12.7%. Total orders fell from $1,134.45 million to $1,016.20 million, a 10.4% drop.

"While it is good to see a rise in orders for May, it is important to maintain your perspective when considering these figures. The positive news that orders are up for the month is offset by the fact that orders through May are down 10.4% compared to a year ago," James A. Gray, president of the National Machine Tool Builders' Association, pointed out.

(MORE)

NMTBA sponsors the INTERNATIONAL MACHINE TOOL SHOW IMTS The world of manufacturing technology

He noted that the industry is encouraged that President Reagan has acted positively on the Association's long-standing 232 petition. "The President's acknowledgment that the machine tool industry is 'a vital component of the U.S. defense base,' and his announcement that the Departments of Defense and Commerce will implement action that will ensure a world class U.S. industry, give machine tool manufacturers a real boost. We are optimistic about the positive effects that will be felt in our industry," Gray added.

Total shipments of cutting and forming machinery rose by 8.4% for the month of May, up to $227.25 million from the $209.55 million posted in April. Almost all of the gain was in metal cutting shipments which rose to $169.70 million, an 11.6% gain over the previous month. Metal forming maintained a shipment level comparable to a month ago, rising from $57.45 to $57.55 for a 0.2% gain. Total cutting and forming shipments show a 17.7% rise for the year compared to the same period in 1985.

Industry backlogs dropped from $1,659.70 million in April to $1,639.65 in May.

# # #

COMPARISON CHART

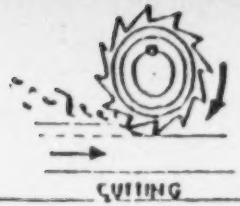
NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
MAY 1986	119.90	23.30	143.20	57.80	6.20	64.00	177.70	29.50	207.20
APR 1986	118.30	17.85	136.15	50.95	6.15	57.10	169.25	24.00	193.25
% CHANGE									
MAY 1986:APR 1986	+1.4	+30.5	+5.2	+13.4	+0.8	+12.1	+5.0	+22.9	+7.2
MAY 1985	157.35	13.40	170.75	46.45	5.50	51.95	203.80	18.90	222.70
% CHANGE									
MAY 1986:MAY 1985	-23.8	+73.9	-16.1	+24.4	+12.7	+23.2	-12.8	+56.1	-7.0
YEAR TO DATE 1986	669.65	73.20	742.85	247.30	26.05	273.35	916.95	99.25	1,016.20
YEAR TO DATE 1985	745.70	75.65	821.35	291.50	21.60	313.10	1,037.20	97.25	1,134.45
% CHANGE									
1986 : 1985	-10.2	-3.2	-9.6	-15.2	+20.6	-12.7	-11.6	+2.1	-10.4

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
MAY 1986	150.10	19.60	169.70	54.35	3.20	57.55	204.45	22.80	227.25
APR 1986	140.05	12.05	152.10	50.75	6.70	57.45	190.80	18.75	209.55
% CHANGE									
MAY 1986:APR 1986	+7.2	+62.7	+11.6	+7.1	-52.2	+0.2	+7.2	+21.6	+8.4
MAY 1985	110.00	8.85	118.85	53.80	4.65	58.45	163.80	13.50	177.30
% CHANGE									
MAY 1986:MAY 1985	+36.5	+121.5	+42.8	+1.0	-31.2	-1.5	+24.8	+68.9	+28.2
YEAR TO DATE 1986	621.90	86.85	708.75	303.15	22.20	325.35	925.05	109.05	1,034.10
YEAR TO DATE 1985	528.05	51.00	579.05	280.30	19.40	299.70	808.35	70.40	878.75
% CHANGE									
1986 : 1985	+17.8	+70.3	+22.4	+8.2	+14.4	+8.6	+14.4	+54.9	+17.7

Source: National Machine Tool Builders' Association



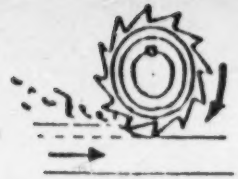
TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 2,262.15	$ 265.95	$ 2,528.10	1,657.55	$ 2,291.45	$ 253.75	$ 2,545.20
1986							
JAN	$ 174.95	$ 15.80	$ 190.75	1,702.45	$ 124.85	$ 21.00	$ 145.85
FEB	$ 198.25	$ 12.15	$ 210.40	1,710.20	$ 185.65	$ 17.00	$ 202.65
MAR	$ 196.80	$ 17.80	$ 214.60	1,676.00	$ 219.30	$ 29.50	$ 248.80
APR	$ 169.25	$ 24.00	$ 193.25	1,659.70	$ 190.80	$ 18.75	$ 209.55
MAY (P)	$ 177.70	$ 29.50	$ 207.20	1,639.65	$ 204.45	$ 22.80	$ 227.25
5 MONTHS	$ 916.95	$ 99.25	$ 1,016.20		$ 925.05	$ 109.05	$ 1,034.10

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 2,433.30	$ 282.65	$ 2,715.95	$ 171.15	$ 16.70	$ 187.85
1986						
JAN	$ 180.65	$ 17.20	$ 197.85	$ 5.70	$ 1.40	$ 7.10
FEB	$ 214.85	$ 14.65	$ 229.50	$ 16.60	$ 2.50	$ 19.10
MAR	$ 203.35	$ 18.40	$ 221.75	$ 6.55	$ .60	$ 7.15
APR	$ 181.10	$ 24.45	$ 205.55	$ 11.85	$ .45	$ 12.30
MAY (P)	$ 184.30	$ 29.80	$ 214.10	$ 6.60	$ .30	$ 6.90
5 MONTHS	$ 964.25	$ 104.50	$ 1,068.75	$ 47.30	$ 5.25	$ 52.55

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 1,652.15	$ 200.95	$ 1,853.10	1,243.30	$ 1,548.50	$ 193.75	$ 1,742.25
1986							
JAN	$ 124.75	$ 10.25	$ 135.00	1,286.80	$ 74.05	$ 17.45	$ 91.50
FEB	$ 160.65	$ 7.95	$ 168.60	1,331.50	$ 109.50	$ 14.40	$ 123.90
MAR	$ 146.05	$ 13.85	$ 159.90	1,319.85	$ 148.20	$ 23.35	$ 171.55
APR	$ 118.30	$ 17.85	$ 136.15	1,303.90	$ 140.05	$ 12.05	$ 152.10
MAY (P)	$ 119.90	$ 23.30	$ 143.20	1,277.40	$ 150.10	$ 19.60	$ 169.70
5 MONTHS	$ 669.65	$ 73.20	$ 742.85		$ 621.90	$ 86.85	$ 708.75

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 1,769.20	$ 213.45	$ 1,982.65	$ 117.05	$ 12.50	$ 129.55
1986						
JAN	$ 129.30	$ 11.45	$ 140.75	$ 4.55	$ 1.20	$ 5.75
FEB	$ 165.70	$ 9.95	$ 175.65	$ 5.05	$ 2.00	$ 7.05
MAR	$ 150.55	$ 14.30	$ 164.85	$ 4.50	$ .45	$ 4.95
APR	$ 127.40	$ 18.25	$ 145.65	$ 9.10	$ .40	$ 9.50
MAY (P)	$ 124.20	$ 23.55	$ 147.75	$ 4.30	$ .25	$ 4.55
5 MONTHS	$ 697.15	$ 77.50	$ 774.65	$ 27.50	$ 4.30	$ 31.80

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 610.00	$ 65.00	$ 675.00	414.25	$ 742.95	$ 60.00	$ 802.95
1986							
JAN	$ 50.20	$ 5.55	$ 55.75	415.65	$ 50.80	$ 3.55	$ 54.35
FEB	$ 37.60	$ 4.20	$ 41.80	378.70	$ 76.15	$ 2.60	$ 78.75
MAR	$ 50.75	$ 3.95	$ 54.70	356.15	$ 71.10	$ 6.15	$ 77.25
APR	$ 50.95	$ 6.15	$ 57.10	355.80	$ 50.75	$ 6.70	$ 57.45
MAY (P)	$ 57.80	$ 6.20	$ 64.00	362.25	$ 54.35	$ 3.20	$ 57.55
5 MONTHS	$ 247.30	$ 26.05	$ 273.35		$ 303.15	$ 22.20	$ 325.35

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 664.10	$ 69.20	$ 733.30	$ 54.10	$ 4.20	$ 58.30
1986						
JAN	$ 51.35	$ 5.75	$ 57.10	$ 1.15	$ .20	$ 1.35
FEB	$ 49.15	$ 4.70	$ 53.85	$ 11.55	$ .50	$ 12.05
MAR	$ 52.80	$ 4.10	$ 56.90	$ 2.05	$ .15	$ 2.20
APR	$ 53.70	$ 6.20	$ 59.90	$ 2.75	$ .05	$ 2.80
MAY (P)	$ 60.10	$ 6.25	$ 66.35	$ 2.30	$ .05	$ 2.35
5 MONTHS	$ 267.10	$ 27.00	$ 294.10	$ 19.80	$ .95	$ 20.75

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-1A

News Release

national machine tool builders association
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FOR RELEASE: July 28, 1986
Contact: Charles Pollock
Michael Codel

MACHINE TOOL ORDERS DOWN DURING FIRST SIX MONTHS OF 1986

Machine tool orders fell 11.2% for the first six months of 1986 compared to the same period a year ago according to data compiled by the National Machine Tool Builders' Association. Mid-year orders totaled $1,216,350,000. This reflects a 10.6% year-to-date drop in orders for metal cutting equipment and a 12.9% drop for metal forming.

For the month of June, metal cutting orders rose 10.7% over the previous month to a total value of $156,800,000 but were down 14.2% compared to June a year ago. Metal forming orders fell 31.2% for the month to a total of $44,350,000 resulting in a combined cutting and forming drop in orders of 2.4%.

Total shipments of cutting and forming machinery rose by 34.2% for the month of June, to $308.05 million from the $229.55 million for the month of May. Shipments of metal cutting equipment rose to $241.70 million, a 40.2% increase while metal forming shipments rose to $66.35 million, up 16.2%. Year-to-date shipments were up 20.3% over 1985.

"The decline in orders for the first half of 1986 is very troubling to us but is not surprising given the tentative attitude of investors of capital equipment as they wait out the tax debate," said National

(MORE)

NMTBA sponsors the INTERNATIONAL MACHINE TOOL SHOW IMTS The world of manufacturing technology

Machine Tool Builders' Association President, James A. Gray. "If American industry is going to be competitive with other countries, we must have a tax policy that helps rather than hurts manufacturing. The real threat today is that investment in productive capital goods will fall victim both to unrealistic capital recovery provisions and to a punitive minimum tax."

Gray went on to observe, "It is good to see the increase in shipments, but this activity is normal at the end of a quarter. The bleak new order picture overshadows the positive news of the shipment figures."

The spurt of activity in shipments caused industry backlogs to fall to $1,529.45 million in June. Metal cutting backlogs were down to $1,188.25 million and metal forming backlogs fell to $341.20 million.

Note: Net metal forming orders were negative during June because abnormally large cancellations exceeded the total value of new orders, which were lower than average during June. (See the attached Gross New Orders and Cancellations data for Metal Forming Type Machine Tools.)

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

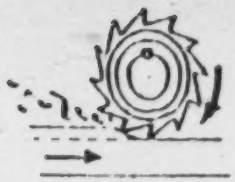
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JUN 1986	145.65	11.15	156.80	44.90	- .55	44.35	190.55	10.60	201.15
MAY 1986	118.50	23.20	141.70	58.50	6.00	64.50	177.00	29.20	206.20
% CHANGE									
JUN 1986:MAY 1986	+22.9	-51.9	+10.7	-23.2	NA	-31.2	+7.7	-63.7	-2.4
JUN 1985	159.95	22.90	182.85	48.55	3.80	52.35	208.50	26.70	235.20
% CHANGE									
JUN 1986:JUN 1985	-8.9	-51.3	-14.2	-7.5	-114.5	-15.3	-8.6	-60.3	-14.5
YEAR TO DATE 1986	813.90	84.25	898.15	292.90	25.30	318.20	1,106.80	109.55	1,216.35
YEAR TO DATE 1985	905.65	98.55	1,004.20	340.05	25.40	365.45	1,245.70	123.95	1,369.65
% CHANGE									
1986 : 1985	-10.1	-14.5	-10.6	-13.9	-0.4	-12.9	-11.2	-11.6	-11.2

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JUN 1986	223.60	18.10	241.70	61.55	4.80	66.35	285.15	22.90	308.05
MAY 1986	153.10	19.35	172.45	54.00	3.10	57.10	207.10	22.45	229.55
% CHANGE									
JUN 1986:MAY 1986	+46.0	-6.5	+40.2	+14.0	+54.8	+16.2	+37.7	+2.0	+34.2
JUN 1985	149.40	13.60	163.00	73.35	2.65	76.00	222.75	16.25	239.00
% CHANGE									
JUN 1986:JUN 1985	+49.7	+33.1	+48.3	-16.1	+81.1	-12.7	+28.0	+40.9	+28.9
YEAR TO DATE 1986	848.50	104.70	953.20	364.35	26.90	391.25	1,212.85	131.60	1,344.45
YEAR TO DATE 1985	677.45	64.60	742.05	353.65	22.05	375.70	1,031.10	86.65	1,117.75
% CHANGE									
1986 : 1985	+25.2	+62.1	+28.5	+3.0	+22.0	+4.1	+17.6	+51.9	+20.3

Source: National Machine Tool Builders' Association

NA - Not Applicable

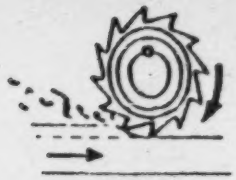


TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 2,262.15	$ 265.95	$ 2,528.10	1,657.55	$ 2,291.45	$ 253.75	$ 2,545.20
1986							
JAN	$ 174.95	$ 15.80	$ 190.75	1,702.45	$ 124.85	$ 21.00	$ 145.85
FEB	$ 198.25	$ 12.15	$ 210.40	1,710.20	$ 185.65	$ 17.00	$ 202.65
MAR	$ 196.80	$ 17.80	$ 214.60	1,676.00	$ 219.30	$ 29.50	$ 248.80
APR	$ 169.25	$ 24.00	$ 193.25	1,659.70	$ 190.80	$ 18.75	$ 209.55
MAY	$ 177.00	$ 29.20	$ 206.20	1,636.35	$ 207.10	$ 22.45	$ 229.55
JUN (P)	$ 190.55	$ 10.60	$ 201.15	1,529.45	$ 285.15	$ 22.90	$ 308.05
6 MONTHS	$ 1,106.80	$ 109.55	$ 1,216.35		$ 1,212.85	$ 131.60	$ 1,344.45

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 2,433.30	$ 282.65	$ 2,715.95	$ 171.15	$ 16.70	$ 187.85
1986						
JAN	$ 180.65	$ 17.20	$ 197.85	$ 5.70	$ 1.40	$ 7.10
FEB	$ 214.85	$ 14.65	$ 229.50	$ 16.60	$ 2.50	$ 19.10
MAR	$ 203.35	$ 18.40	$ 221.75	$ 6.55	$ .60	$ 7.15
APR	$ 181.10	$ 24.45	$ 205.55	$ 11.85	$ .45	$ 12.30
MAY	$ 183.50	$ 29.50	$ 213.00	$ 6.50	$ .30	$ 6.80
JUN (P)	$ 215.85	$ 15.20	$ 231.05	$ 25.30	$ 4.60	$ 29.90
6 MONTHS	$ 1,179.30	$ 119.40	$ 1,298.70	$ 72.50	$ 9.85	$ 82.35

P - Preliminary
NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 1,652.15	$ 200.95	$ 1,853.10	1,243.30	$ 1,548.50	$ 193.75	$ 1,742.25
1986							
JAN	$ 124.75	$ 10.25	$ 135.00	1,286.80	$ 74.05	$ 17.45	$ 91.50
FEB	$ 160.65	$ 7.95	$ 168.60	1,331.50	$ 109.50	$ 14.40	$ 123.90
MAR	$ 146.05	$ 13.85	$ 159.90	1,319.85	$ 148.20	$ 23.35	$ 171.55
APR	$ 118.30	$ 17.85	$ 136.15	1,303.90	$ 140.05	$ 12.05	$ 152.10
MAY	$ 118.50	$ 23.20	$ 141.70	1,273.15	$ 153.10	$ 19.35	$ 172.45
JUN (P)	$ 145.65	$ 11.15	$ 156.80	1,188.25	$ 223.60	$ 18.10	$ 241.70
6 MONTHS	$ 813.90	$ 84.25	$ 898.15		$ 848.50	$ 104.70	$ 953.20

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 1,769.20	$ 213.45	$ 1,982.65	$ 117.05	$ 12.50	$ 129.55
1986						
JAN	$ 129.30	$ 11.45	$ 140.75	$ 4.55	$ 1.20	$ 5.75
FEB	$ 165.70	$ 9.95	$ 175.65	$ 5.05	$ 2.00	$ 7.05
MAR	$ 150.55	$ 14.30	$ 164.85	$ 4.50	$ .45	$ 4.95
APR	$ 127.40	$ 18.25	$ 145.65	$ 9.10	$ .40	$ 9.50
MAY	$ 122.75	$ 23.45	$ 146.20	$ 4.25	$ .25	$ 4.50
JUN (P)	$ 159.50	$ 11.95	$ 171.45	$ 13.85	$ .80	$ 14.65
6 MONTHS	$ 855.20	$ 89.35	$ 944.55	$ 41.30	$ 5.10	$ 46.40

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 610.00	$ 65.00	$ 675.00	414.25	$ 742.95	$ 60.00	$ 802.95
1986							
JAN	$ 50.20	$ 5.55	$ 55.75	415.65	$ 50.80	$ 3.55	$ 54.35
FEB	$ 37.60	$ 4.20	$ 41.80	378.70	$ 76.15	$ 2.60	$ 78.75
MAR	$ 50.75	$ 3.95	$ 54.70	356.15	$ 71.10	$ 6.15	$ 77.25
APR	$ 50.95	$ 6.15	$ 57.10	355.80	$ 50.75	$ 6.70	$ 57.45
MAY	$ 58.50	$ 6.00	$ 64.50	363.20	$ 54.00	$ 3.10	$ 57.10
JUN (P)	$ 44.90	$ - .55	$ 44.35	341.20	$ 61.55	$ 4.80	$ 66.35
6 MONTHS	$ 292.90	$ 25.30	$ 318.20		$ 364.35	$ 26.90	$ 391.25

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 664.10	$ 69.20	$ 733.30	$ 54.10	$ 4.20	$ 58.30
1986						
JAN	$ 51.35	$ 5.75	$ 57.10	$ 1.15	$ .20	$ 1.35
FEB	$ 49.15	$ 4.70	$ 53.85	$ 11.55	$ .50	$ 12.05
MAR	$ 52.80	$ 4.10	$ 56.90	$ 2.05	$ .15	$ 2.20
APR	$ 53.70	$ 6.20	$ 59.90	$ 2.75	$ .05	$ 2.80
MAY	$ 60.75	$ 6.05	$ 66.80	$ 2.25	$ .05	$ 2.30
JUN (P)	$ 56.35	$ 3.25	$ 59.60	$ 11.45	$ 3.80	$ 15.25
6 MONTHS	$ 324.10	$ 30.05	$ 354.15	$ 31.20	$ 4.75	$ 35.95

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(Dollar Figures in Thousands)
1981 to Date

	Cutting and Forming			Cutting			Forming		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1981-1	$1,288,200	$210,800	$ 920,350	$1,017,850	$155,600	$ 706,600	$ 270,350	$ 55,200	$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	$5,095,600	$718,950	$2,944,850	$4,104,500	$552,050	$2,228,100	$ 991,100	$ 166,900	$ 716,750
1982-1	$1,154,200	$112,650	$ 506,800	$ 933,050	$ 71,750	$ 384,850	$ 221,150	$ 40,900	$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	$3,604,400	$406,050	$1,497,750	$2,894,750	$296,150	$1,064,450	$ 709,650	$ 109,900	$ 433,300
1983-1	$ 487,450	$ 56,650	$ 314,850	$ 370,600	$ 40,800	$ 224,100	$ 116,850	$ 15,850	$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3	357,050	42,900	468,150	252,350	32,200	322,200	104,700	10,700	145,950
4	530,900	57,150	514,050	391,050	49,600	336,050	139,850	7,550	178,000
Total	$1,845,050	$215,000	$1,696,150	$1,371,500	$171,900	$1,151,650	$ 473,550	$ 43,100	$ 544,500
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	572,300	50,700	764,400	401,800	28,250	499,200	170,500	22,450	265,200
3	568,850	41,850	800,200	401,550	24,300	493,000	167,300	17,550	307,200
4	695,200	60,150	750,750	505,050	45,000	510,850	190,150	15,150	239,900
Total	$2,285,850	$193,250	$2,915,800	$1,606,500	$122,650	$1,915,800	$ 679,350	$ 70,600	$1,000,000
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	586,050	37,700	641,400	385,000	27,450	475,700	201,050	10,250	165,700
3	654,650	58,250	558,450	443,050	35,950	404,750	211,600	22,300	153,700
4	772,800	108,850	600,000	557,150	93,200	444,150	215,650	15,650	155,850
Total	$2,545,200	$253,750	$2,528,100	$1,742,250	$193,750	$1,853,100	$ 802,950	$ 60,000	$ 675,000
1986-1	$ 597,300	$ 67,500	$ 615,750	$ 386,950	$ 55,200	$ 463,500	$ 210,350	$ 12,300	$ 152,250
2P	747,150	64,100	600,600	566,250	49,500	434,650	180,900	14,600	165,950
Total	$1,344,450	$131,600	$1,216,350	$ 953,200	$104,700	$ 898,150	$ 391,250	$ 26,900	$ 318,200

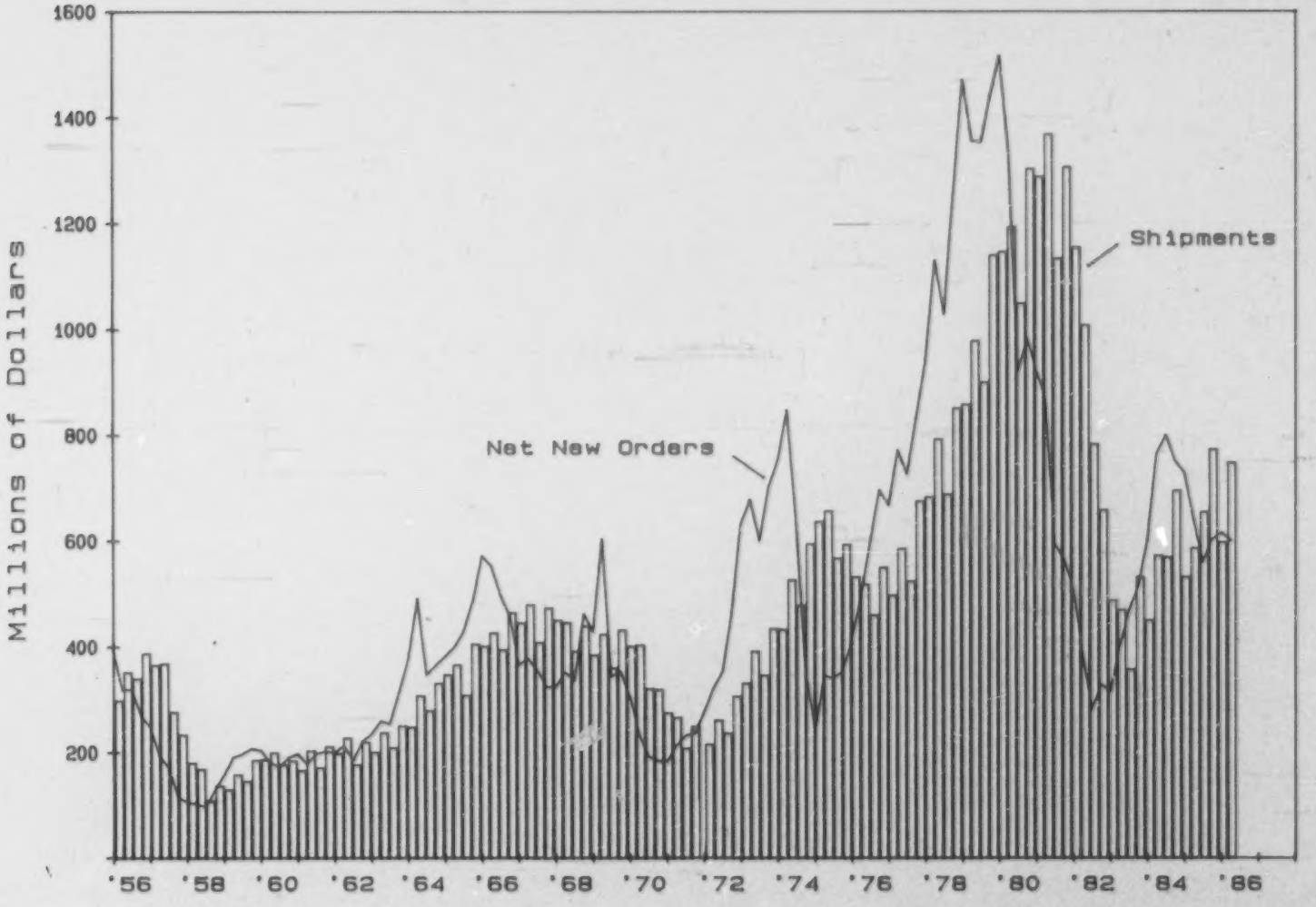
P - Preliminary

NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1986, contact:
NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102-4269. Phone: 703:893-2900

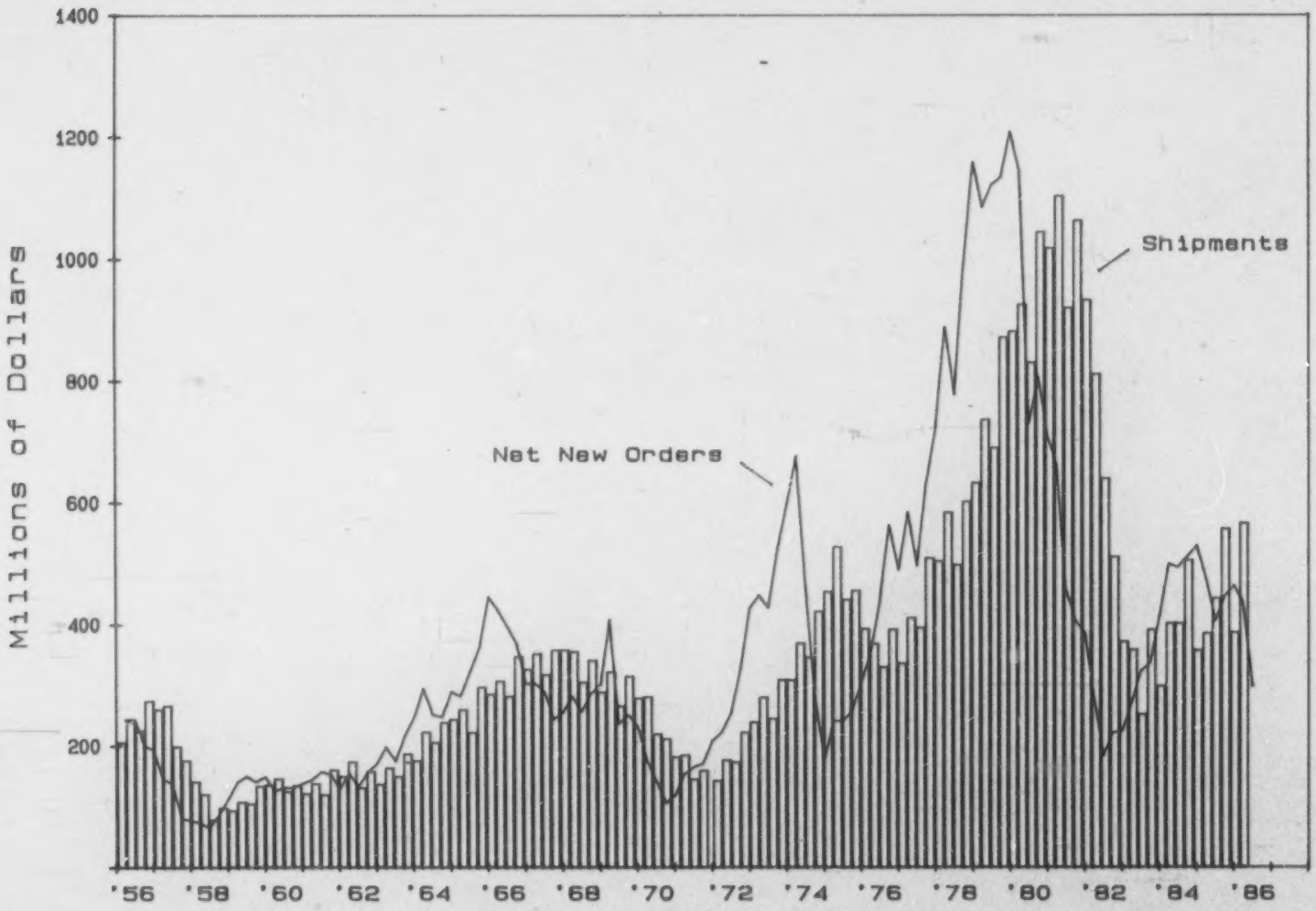
Source: National Machine Tool Builders' Association

July 28, 1986

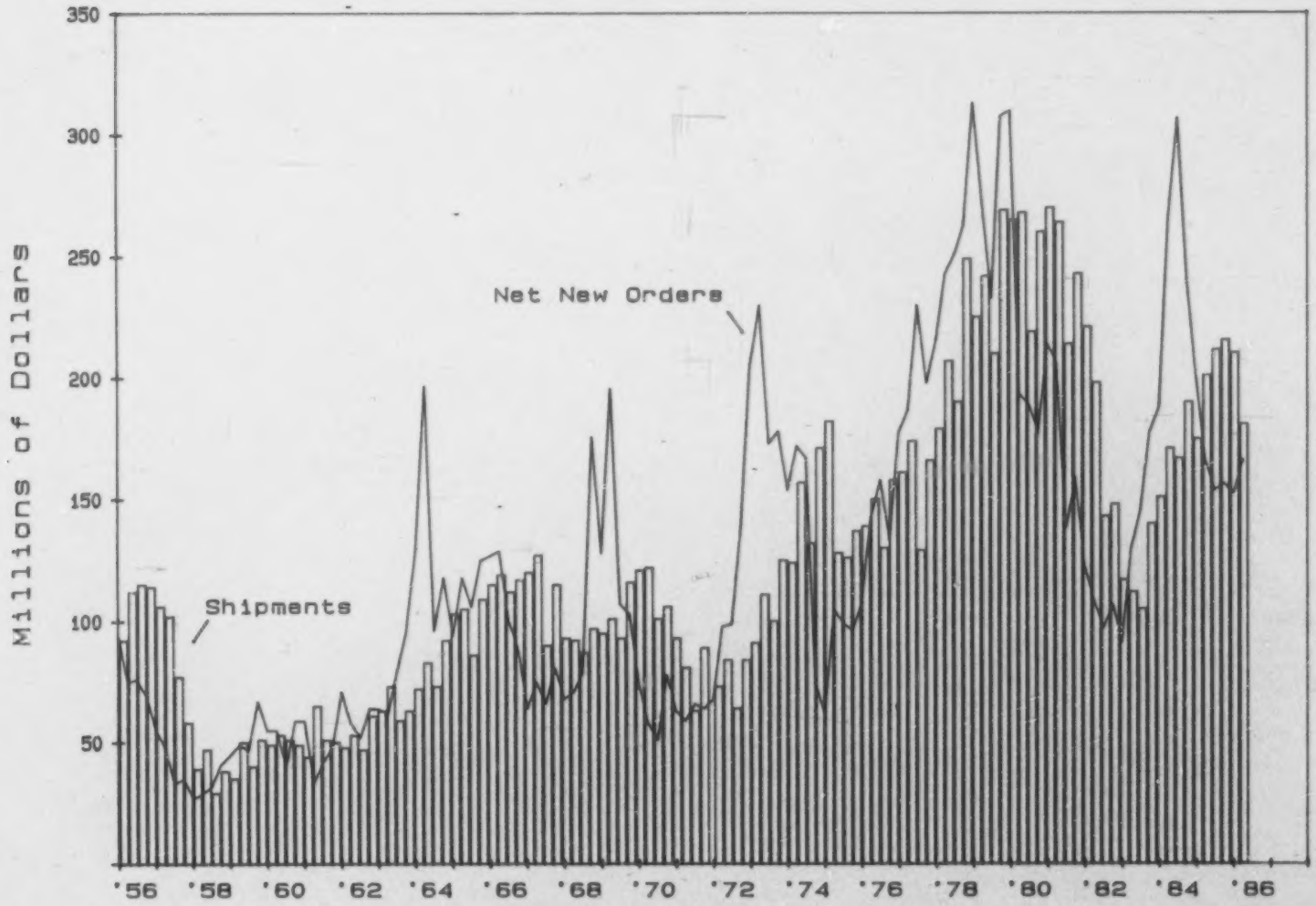
Total Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1986: 2



Metal Cutting Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1986: 2



Metal Forming Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1986: 2



A8050-1

News Release

national machine tool builders

FOR RELEASE: August 25, 1986
Contact: Charles Pollock
Michael Codel

MACHINE TOOL ORDERS FALL IN JULY

The National Machine Tool Builders' Association reported today that July orders for machine tools totaled $189.15 million, down 6.0% from the $201.15 million June figure. Cumulative orders for the first seven months of 1986 were $1,405.50 million, down 10.4% from the same period a year ago.

July orders for metal cutting machine tools fell 4.5% from June, posting a total of $149.75 million. This figure is almost identical to July a year ago, when the total was $149.85 million. Year-to-date orders for metal cutting machine tools were down 9.2% compared to the same period in 1985. Metal forming equipment orders, totaling $39.40 million for July, were down 11.2% from June and down 21.2% when compared to July a year ago. This represents a year-to-date drop of 13.9%.

"Summer is traditionally a slow period for the machine tool industry. In addition, buyers frequently defer purchase decisions in the months immediately preceding our International Machine Tool Show (Sept. 3-11, 1986 in Chicago). Therefore, we remain confident that the situation will improve as we move into fall and industrial activity picks up," commented James A. Gray, president of the Association.

(MORE)

IMTS
The world of manufacturing technology

"We are, however, particularly concerned about the effects of the new tax legislation just agreed upon by the House and Senate Conference Committee," he went on to say. "The bill that emerged from the conference, in effect, rolls capital recovery provisions back to their pre-1981 levels, which were considered woefully inadequate by both government and industry. Therefore, we hope that Congress will soon give further consideration to the long range effects of capital recovery provisions so necessary to the ability of American industry to keep pace with the rapid technological changes taking place today. In a period of unprecedented advances in technology, American industry and American jobs depend on a strong machine tool industry providing the up-to-date equipment necessary for growth in the 80's."

Shipments of metal cutting machine tools fell to $151.60 million from $244.80 million in June, a drop of 38.1%. July's figure represents a 21.2% rise compared to July a year ago and 27.8% rise for the first seven months of 1986 compared to the first seven months of 1985. Metal forming machine tool shipments fell to $39.05 million for July, a 41.8% drop from the June figure of $67.10 million. This represents a 44.0% drop in metal forming shipments from July a year ago but only a 3.2% drop in total year-to-date shipments.

Combined shipment figures for metal cutting and metal forming machine tools fell 38.9% for the month but rose 17.2% for the first seven months of 1986 compared to the same period in 1985.

Machine tool order backlogs for July stood at $1,524.10 million, down slightly from the $1,525.60 million in June.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

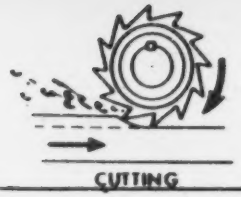
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JUL 1986	120.20	29.55	149.75	34.25	5.15	39.40	154.45	34.70	189.15
JUN 1986	145.65	11.15	156.80	44.90	-.55	44.35	190.55	10.60	201.15
% CHANGE									
JUL 1986:JUN 1986	-17.5	+165.0	-4.5	-23.7	NA	-11.2	-18.9	+227.4	-6.0
JUL 1985	114.85	35.00	149.85	43.05	6.95	50.00	157.90	41.95	199.85
% CHANGE									
JUL 1986:JUL 1985	+4.7	-15.6	-0.1	-20.4	-25.9	-21.2	-2.2	-17.3	-5.4
YEAR TO DATE 1986	934.10	113.80	1,047.90	327.15	30.45	357.60	1,261.25	144.25	1,405.50
YEAR TO DATE 1985	1,020.50	133.55	1,154.05	383.10	32.35	415.45	1,403.60	165.90	1,569.50
% CHANGE									
1986 : 1985	-8.5	-14.8	-9.2	-14.6	-5.9	-13.9	-10.1	-13.1	-10.4

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JUL 1986	138.45	13.15	151.60	34.70	4.35	39.05	173.15	17.50	190.65
JUN 1986	226.70	18.10	244.80	62.30	4.80	67.10	289.00	22.90	311.90
% CHANGE									
JUL 1986:JUN 1986	-38.9	-27.3	-38.1	-44.3	-9.4	-41.8	-40.1	-23.6	-38.9
JUL 1985	111.30	13.75	125.05	63.25	6.50	69.75	174.55	20.25	194.80
% CHANGE									
JUL 1986:JUL 1985	+24.4	-4.4	+21.2	-45.1	-33.1	-44.0	-0.8	-13.6	-2.1
YEAR TO DATE 1986	990.05	117.85	1,107.90	399.80	31.25	431.05	1,389.85	149.10	1,538.95
YEAR TO DATE 1985	788.75	78.35	867.10	416.90	28.55	445.45	1,205.65	106.90	1,312.55
% CHANGE									
1986 : 1985	+25.5	+50.4	+27.8	-4.1	+9.5	-3.2	+15.3	+39.5	+17.2

Source: National Machine Tool Builders' Association

NA - Not Applicable



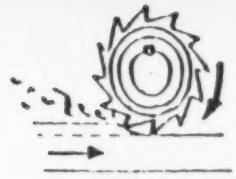
TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 2,262.15	$ 265.95	$ 2,528.10	1,657.55	$ 2,291.45	$ 253.75	$ 2,545.20
1986							
JAN	$ 174.95	$ 15.80	$ 190.75	1,702.45	$ 124.85	$ 21.00	$ 145.85
FEB	$ 198.25	$ 12.15	$ 210.40	1,710.20	$ 185.65	$ 17.00	$ 202.65
MAR	$ 196.80	$ 17.80	$ 214.60	1,676.00	$ 219.30	$ 29.50	$ 248.80
APR	$ 169.25	$ 24.00	$ 193.25	1,659.70	$ 190.80	$ 18.75	$ 209.55
MAY	$ 177.00	$ 29.20	$ 206.20	1,636.35	$ 207.10	$ 22.45	$ 229.55
JUN	$ 190.55	$ 10.60	$ 201.15	1,525.60	$ 289.00	$ 22.90	$ 311.90
JUL (P)	$ 154.45	$ 34.70	$ 189.15	1,524.10	$ 173.15	$ 17.50	$ 190.65
7 MONTHS	$ 1,261.25	$ 144.25	$ 1,405.50		$ 1,389.85	$ 149.10	$ 1,538.95

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 2,433.30	$ 282.65	$ 2,715.95	$ 171.15	$ 16.70	$ 187.85
1986						
JAN	$ 180.65	$ 17.20	$ 197.85	$ 5.70	$ 1.40	$ 7.10
FEB	$ 214.85	$ 14.65	$ 229.50	$ 16.60	$ 2.50	$ 19.10
MAR	$ 203.35	$ 18.40	$ 221.75	$ 6.55	$ .60	$ 7.15
APR	$ 181.10	$ 24.45	$ 205.55	$ 11.85	$ .45	$ 12.30
MAY	$ 183.50	$ 29.50	$ 213.00	$ 6.50	$ .30	$ 6.80
JUN	$ 215.90	$ 15.20	$ 231.10	$ 25.35	$ 4.60	$ 29.95
JUL (P)	$ 184.15	$ 35.30	$ 219.45	$ 29.70	$ .60	$ 30.30
7 MONTHS	$ 1,363.50	$ 154.70	$ 1,518.20	$ 102.25	$ 10.45	$ 112.70

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



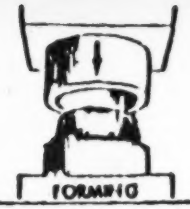
INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 1,652.15	$ 200.95	$ 1,853.10	1,243.30	$ 1,548.50	$ 193.75	$ 1,742.25
1986							
JAN	$ 124.75	$ 10.25	$ 135.00	1,286.80	$ 74.05	$ 17.45	$ 91.50
FEB	$ 160.65	$ 7.95	$ 168.60	1,331.50	$ 109.50	$ 14.40	$ 123.90
MAR	$ 146.05	$ 13.85	$ 159.90	1,319.85	$ 148.20	$ 23.35	$ 171.55
APR	$ 118.30	$ 17.85	$ 136.15	1,303.90	$ 140.05	$ 12.05	$ 152.10
MAY	$ 118.50	$ 23.20	$ 141.70	1,273.15	$ 153.10	$ 19.35	$ 172.45
JUN	$ 145.65	$ 11.15	$ 156.80	1,185.15	$ 226.70	$ 18.10	$ 244.80
JUL (P)	$ 120.20	$ 29.55	$ 149.75	1,183.30	$ 138.45	$ 13.15	$ 151.60
7 MONTHS	$ 934.10	$ 113.80	$ 1,047.90		$ 990.05	$ 117.85	$ 1,107.90

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 1,769.20	$ 213.45	$ 1,982.65	$ 117.05	$ 12.50	$ 129.55
1986						
JAN	$ 129.30	$ 11.45	$ 140.75	$ 4.55	$ 1.20	$ 5.75
FEB	$ 165.70	$ 9.95	$ 175.65	$ 5.05	$ 2.00	$ 7.05
MAR	$ 150.55	$ 14.30	$ 164.85	$ 4.50	$ .45	$ 4.95
APR	$ 127.40	$ 18.25	$ 145.65	$ 9.10	$ .40	$ 9.50
MAY	$ 122.75	$ 23.45	$ 146.20	$ 4.25	$ .25	$ 4.50
JUN	$ 159.55	$ 11.95	$ 171.50	$ 13.90	$ .80	$ 14.70
JUL (P)	$ 138.00	$ 30.10	$ 168.10	$ 17.80	$ .55	$ 18.35
7 MONTHS	$ 993.25	$ 119.45	$ 1,112.70	$ 59.15	$ 5.65	$ 64.80

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 610.00	$ 65.00	$ 675.00	414.25	$ 742.95	$ 60.00	$ 802.95
1986							
JAN	$ 50.20	$ 5.55	$ 55.75	415.65	$ 50.80	$ 3.55	$ 54.35
FEB	$ 37.60	$ 4.20	$ 41.80	378.70	$ 76.15	$ 2.60	$ 78.75
MAR	$ 50.75	$ 3.95	$ 54.70	356.15	$ 71.10	$ 6.15	$ 77.25
APR	$ 50.95	$ 6.15	$ 57.10	355.80	$ 50.75	$ 6.70	$ 57.45
MAY	$ 58.50	$ 6.00	$ 64.50	363.20	$ 54.00	$ 3.10	$ 57.10
JUN	$ 44.90	$ -.55	$ 44.35	340.45	$ 62.30	$ 4.80	$ 67.10
JUL (P)	$ 34.25	$ 5.15	$ 39.40	340.80	$ 34.70	$ 4.35	$ 39.05
7 MONTHS	$ 327.15	$ 30.45	$ 357.60		$ 399.80	$ 31.25	$ 431.05

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 664.10	$ 69.20	$ 733.30	$ 54.10	$ 4.20	$ 58.30
1986						
JAN	$ 51.35	$ 5.75	$ 57.10	$ 1.15	$ .20	$ 1.35
FEB	$ 49.15	$ 4.70	$ 53.85	$ 11.55	$ .50	$ 12.05
MAR	$ 52.80	$ 4.10	$ 56.90	$ 2.05	$ .15	$ 2.20
APR	$ 53.70	$ 6.20	$ 59.90	$ 2.75	$ .05	$ 2.80
MAY	$ 60.75	$ 6.05	$ 66.80	$ 2.25	$ .05	$ 2.30
JUN	$ 56.35	$ 3.25	$ 59.60	$ 11.45	$ 3.80	$ 15.25
JUL (P)	$ 46.15	$ 5.20	$ 51.35	$ 11.90	$ .05	$ 11.95
7 MONTHS	$ 370.25	$ 35.25	$ 405.50	$ 43.10	$ 4.80	$ 47.90

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-1A

News Release

FOR RELEASE: September 29, 1986
Contact: Charles Pollock
Michael Codel

MACHINE TOOL ORDERS DOWN 9.3% IN AUGUST

New machine tool orders for August fell to $154.25 million according to figures released today by the National Machine Tool Builders' Association. This is a drop of 9.3% from their July total of $170.00 million. Orders for metal cutting machinery fell to $114.75 million, a drop of 10.9% from the $128.80 million posted in July. Metal forming equipment orders fell from $41.20 million in July to $39.50 million in August, a 4.1% drop.

Comparing August 1986 with August 1985, metal cutting machine tool orders fell by 12.3% while orders for metal forming equipment fell by 26.4%, resulting in a combined drop of 16.4%. Year-to-date orders for metal cutting machine tools were down 11.1% compared to the same period in 1985, while orders for metal forming equipment dropped 15%. Combined orders through August 1986 totalled $1,540.60 million, a drop of 12.2% from the $1,754.00 million for the same period in 1985.

James A. Gray, president of the Association, expressed optimism that activity would pick up in the fall. "We have just returned from a very successful International Machine Tool Show," he commented. "IMTS-86 (September 3 - 11 in Chicago) was our biggest and best yet. Reports from exhibitors indicate brisk activity. Purchasers often delay decisions in the months just preceding IMTS, knowing they will have an

(MORE)

opportunity to see the latest and the best in metalworking equipment all gathered in one place. As the inquiries made at IMTS turn into decisions to buy, we should see stronger orders for machine tools."

Gray went on to observe that he remains concerned that the tax legislation recently agreed upon by the House and Senate Conference Committee will adversely effect capital investment in this country. He noted, "In time it will become apparent that the capital recovery provisions represent a dangerous step backward. Investment in this nation's manufacturing industries must not be discouraged by the tax code. The technological changes demonstrated in Chicago make us increasingly aware of the rapid pace of development of new and more efficient equipment and systems. The tax code must not be a disincentive to the investment in modernization that is essential to U.S. firms keeping abreast of the rapidly changing world of manufacturing technology."

August shipments of metal cutting machine tools fell to $108.30 million from $149.10 million in July, a drop of 27.4% for the month. This figure represents a fall of 24.3% compared to shipments in August of last year. Metal forming shipments remain unchanged for the month, holding at $40.95 million. However, this represents a 43.8% drop when compared to August of 1985. Total shipments fell 21.5% for the month dropping to $149.25 million. Compared to August of 1985 shipments were down 30.9%. Year-to-date combined shipments rose from $1,528.45 million in 1985 to $1,687.60 million in 1986, a 10.4% rise.

Machine tool order backlogs for August stood at $1,510.55 million up slightly from the $1,505.55 million in July.

# # #

COMPARISON CHART

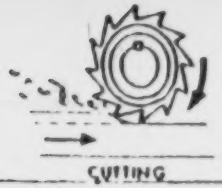
NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
AUG 1986	108.15	6.60	114.75	31.25	8.25	39.50	139.40	14.85	154.25
JUL 1986	99.25	29.55	128.80	36.05	5.15	41.20	135.30	34.70	170.00
% CHANGE									
AUG 1986:JUL 1986	+9.0	-77.7	-10.9	-13.3	+60.2	-4.1	+3.0	-57.2	-9.3
AUG 1985	115.70	15.10	130.80	46.90	6.80	53.70	162.60	21.90	184.50
% CHANGE									
AUG 1986:AUG 1985	-6.5	-56.3	-12.3	-33.4	+21.3	-26.4	-14.3	-32.2	-16.4
YEAR TO DATE 1986	1,021.30	120.40	1,141.70	360.20	38.70	398.90	1,381.50	159.10	1,540.60
YEAR TO DATE 1985	1,136.20	148.65	1,284.85	430.00	39.15	469.15	1,566.20	187.80	1,754.00
% CHANGE									
1986 : 1985	-10.1	-19.0	-11.1	-16.2	-1.1	-15.0	-11.8	-15.3	-12.2

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
AUG 1986	92.35	15.95	108.30	36.90	4.05	40.95	129.25	20.00	149.25
JUL 1986	135.90	13.20	149.10	36.60	4.35	40.95	172.50	17.55	190.05
% CHANGE									
AUG 1986:JUL 1986	-32.0	+20.8	-27.4	+0.8	-6.9	+0.0	-25.1	+14.0	-21.5
AUG 1985	137.20	5.85	143.05	63.85	9.00	72.85	201.05	14.85	215.90
% CHANGE									
AUG 1986:AUG 1985	-32.7	+172.6	-24.3	-42.2	-55.0	-43.8	-35.7	+34.7	-30.9
YEAR TO DATE 1986	1,079.85	133.85	1,213.70	438.60	35.30	473.90	1,518.45	169.15	1,687.60
YEAR TO DATE 1985	925.95	84.20	1,010.15	480.75	37.55	518.30	1,406.70	121.75	1,528.45
% CHANGE									
1986 : 1985	+16.6	+59.0	+20.2	-8.8	-6.0	-8.6	+7.9	+38.9	+10.4

Source: National Machine Tool Builders' Association



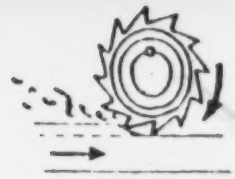
TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 2,262.15	$ 265.95	$ 2,528.10	1,657.55	$ 2,291.45	$ 253.75	$ 2,545.20
1986							
JAN	$ 174.95	$ 15.80	$ 190.75	1,702.45	$ 124.85	$ 21.00	$ 145.85
FEB	$ 198.25	$ 12.15	$ 210.40	1,710.20	$ 185.65	$ 17.00	$ 202.65
MAR	$ 196.80	$ 17.80	$ 214.60	1,676.00	$ 219.30	$ 29.50	$ 248.80
APR	$ 169.25	$ 24.00	$ 193.25	1,659.70	$ 190.80	$ 18.75	$ 209.55
MAY	$ 177.00	$ 29.20	$ 206.20	1,636.35	$ 207.10	$ 22.45	$ 229.55
JUN	$ 190.55	$ 10.60	$ 201.15	1,525.60	$ 289.00	$ 22.90	$ 311.90
JUL	$ 135.30	$ 34.70	$ 170.00	1,505.55	$ 172.50	$ 17.55	$ 190.05
AUG (P)	$ 139.40	$ 14.85	$ 154.25	1,510.55	$ 129.25	$ 20.00	$ 149.25
8 MONTHS	$ 1,381.50	$ 159.10	$ 1,540.60		$ 1,518.45	$ 169.15	$ 1,687.60

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 2,433.30	$ 282.65	$ 2,715.95	$ 171.15	$ 16.70	$ 187.85
1986						
JAN	$ 180.65	$ 17.20	$ 197.85	$ 5.70	$ 1.40	$ 7.10
FEB	$ 214.85	$ 14.65	$ 229.50	$ 16.60	$ 2.50	$ 19.10
MAR	$ 203.35	$ 18.40	$ 221.75	$ 6.55	$ .60	$ 7.15
APR	$ 181.10	$ 24.45	$ 205.55	$ 11.85	$ .45	$ 12.30
MAY	$ 183.50	$ 29.50	$ 213.00	$ 6.50	$ .30	$ 6.80
JUN	$ 215.90	$ 15.20	$ 231.10	$ 25.35	$ 4.60	$ 29.95
JUL	$ 164.25	$ 35.30	$ 199.55	$ 28.95	$ .60	$ 29.55
AUG (P)	$ 149.70	$ 15.95	$ 165.65	$ 10.30	$ 1.10	$ 11.40
8 MONTHS	$ 1,493.30	$ 170.65	$ 1,663.95	$ 111.80	$ 11.55	$ 123.35

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 1,652.15	$ 200.95	$ 1,853.10	1,243.30	$ 1,548.50	$ 193.75	$ 1,742.25
1986							
JAN	$ 124.75	$ 10.25	$ 135.00	1,286.80	$ 74.05	$ 17.45	$ 91.50
FEB	$ 160.65	$ 7.95	$ 168.60	1,331.50	$ 109.50	$ 14.40	$ 123.90
MAR	$ 146.05	$ 13.85	$ 159.90	1,319.85	$ 148.20	$ 23.35	$ 171.55
APR	$ 118.30	$ 17.85	$ 136.15	1,303.90	$ 140.05	$ 12.05	$ 152.10
MAY	$ 118.50	$ 23.20	$ 141.70	1,273.15	$ 153.10	$ 19.35	$ 172.45
JUN	$ 145.65	$ 11.15	$ 156.80	1,185.15	$ 226.70	$ 18.10	$ 244.80
JUL	$ 99.25	$ 29.55	$ 128.80	1,164.85	$ 135.90	$ 13.20	$ 149.10
AUG (P)	$ 108.15	$ 6.60	$ 114.75	1,171.30	$ 92.35	$ 15.95	$ 108.30
8 MONTHS	$ 1,021.30	$ 120.40	$ 1,141.70		$ 1,079.85	$ 133.85	$ 1,213.70

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 1,769.20	$ 213.45	$ 1,982.65	$ 117.05	$ 12.50	$ 129.55
1986						
JAN	$ 129.30	$ 11.45	$ 140.75	$ 4.55	$ 1.20	$ 5.75
FEB	$ 165.70	$ 9.95	$ 175.65	$ 5.05	$ 2.00	$ 7.05
MAR	$ 150.55	$ 14.30	$ 164.85	$ 4.50	$ .45	$ 4.95
APR	$ 127.40	$ 18.25	$ 145.65	$ 9.10	$ .40	$ 9.50
MAY	$ 122.75	$ 23.45	$ 146.20	$ 4.25	$ .25	$ 4.50
JUN	$ 159.55	$ 11.95	$ 171.50	$ 13.90	$ .80	$ 14.70
JUL	$ 116.50	$ 30.10	$ 146.60	$ 17.25	$ .55	$ 17.80
AUG (P)	$ 113.90	$ 7.65	$ 121.55	$ 5.75	$ 1.05	$ 6.80
8 MONTHS	$ 1,085.65	$ 127.10	$ 1,212.75	$ 64.35	$ 6.70	$ 71.05

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 610.00	$ 65.00	$ 675.00	414.25	$ 742.95	$ 60.00	$ 802.95
1986							
JAN	$ 50.20	$ 5.55	$ 55.75	415.65	$ 50.80	$ 3.55	$ 54.35
FEB	$ 37.60	$ 4.20	$ 41.80	378.70	$ 76.15	$ 2.60	$ 78.75
MAR	$ 50.75	$ 3.95	$ 54.70	356.15	$ 71.10	$ 6.15	$ 77.25
APR	$ 50.95	$ 6.15	$ 57.10	355.80	$ 50.75	$ 6.70	$ 57.45
MAY	$ 58.50	$ 6.00	$ 64.50	363.20	$ 54.00	$ 3.10	$ 57.10
JUN	$ 44.90	$ -.55	$ 44.35	340.45	$ 62.30	$ 4.80	$ 67.10
JUL	$ 36.05	$ 5.15	$ 41.20	340.70	$ 36.60	$ 4.35	$ 40.95
AUG (P)	$ 31.25	$ 8.25	$ 39.50	339.25	$ 36.90	$ 4.05	$ 40.95
8 MONTHS	$ 360.20	$ 38.70	$ 398.90		$ 438.60	$ 35.30	$ 473.90

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 664.10	$ 69.20	$ 733.30	$ 54.10	$ 4.20	$ 58.30
1986						
JAN	$ 51.35	$ 5.75	$ 57.10	$ 1.15	$ .20	$ 1.35
FEB	$ 49.15	$ 4.70	$ 53.85	$ 11.55	$ .50	$ 12.05
MAR	$ 52.80	$ 4.10	$ 56.90	$ 2.05	$ .15	$ 2.20
APR	$ 53.70	$ 6.20	$ 59.90	$ 2.75	$ .05	$ 2.80
MAY	$ 60.75	$ 6.05	$ 66.80	$ 2.25	$ .05	$ 2.30
JUN	$ 56.35	$ 3.25	$ 59.60	$ 11.45	$ 3.80	$ 15.25
JUL	$ 47.75	$ 5.20	$ 52.95	$ 11.70	$ .05	$ 11.75
AUG (P)	$ 35.80	$ 8.30	$ 44.10	$ 4.55	$ .05	$ 4.60
8 MONTHS	$ 407.65	$ 43.55	$ 451.20	$ 47.45	$ 4.85	$ 52.30

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

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News Release

FOR RELEASE: October 27, 1986
Contact: Charles Pollock
Michael Codel

MACHINE TOOL ORDERS FOR SEPTEMBER DOWN 12.7%

The National Machine Tool Builders' Association reported today that September orders for new machine tools totalled just over $134.75 million, down 12.7% from August. Metal cutting machine tool orders for the month fell by 13.1% while orders for metal forming equipment fell by 11.6%. Compared to September a year ago this represents a 22.6% drop.

Year-to-date figures for 1986 totalled $1,675.50 million, a drop of 13.1% from the $1,928.10 million for the same period in 1985. Metal cutting machine tool orders were down 11.8% for the year and metal forming equipment orders dropped 16.5%.

"Quite frankly, we were surprised by the September figures," said James A. Gray, president of the National Machine Tool Builders' Association. "We have just put one of the most successful machine tool trade shows ever under our belt, but this doesn't seem to be reflected in our statistics. We know that the auto industry is curtailing its spending and that most of our other major customer industries have, at best, flat capital spending plans. Our numbers are simply reflecting the reality of today's manufacturing environment. This industry stands

(more)

ready to supply manufacturing with the best, the most productive machine tools in the world. Unfortunately, the economic fundamentals that would spur U.S. firms to invest just do not appear to be in place."

September shipments of machine tools rose 37.5% for the month to a total of $208.10 million. This represents a 49.6% rise in metal cutting shipments and a 7.1% rise in metal forming shipments. However, compared to the same month a year ago, total shipments were down 14.7%, metal cutting shipments were down 7.4% and metal forming shipments were down 33.1%. Year-to-date combined shipments rose 7.1%, up to $1,897.80 million from $1,772.40 million for 1985.

Machine tool order backlogs for September fell to $1,435.25 million from the $1,508.60 million posted in August.

# # #

COMPARISON CHART

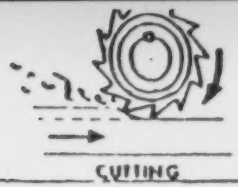
NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
SEP 1986	89.80	10.20	100.00	23.50	11.25	34.75	113.30	21.45	134.75
AUG 1986	108.60	6.50	115.10	30.40	8.90	39.30	139.00	15.40	154.40
% CHANGE									
SEP 1986:AUG 1986	-17.3	+56.9	-13.1	-22.7	+26.4	-11.6	-18.5	+39.3	-12.7
SEP 1985	108.25	15.85	124.10	36.60	13.40	50.00	144.85	29.25	174.10
% CHANGE									
SEP 1986:SEP 1985	-17.0	-35.6	-19.4	-35.8	-16.0	-30.5	-21.8	-26.7	-22.6
YEAR TO DATE 1986	1,111.55	130.50	1,242.05	382.85	50.60	433.45	1,494.40	181.10	1,675.50
YEAR TO DATE 1985	1,244.45	164.50	1,408.95	466.60	52.55	519.15	1,711.05	217.05	1,928.10
% CHANGE									
1986 : 1985	-10.7	-20.7	-11.8	-17.9	-3.7	-16.5	-12.7	-16.6	-13.1

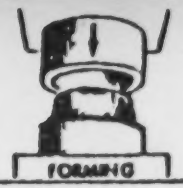
SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
SEP 1986	142.90	19.05	161.95	40.35	5.80	46.15	183.25	24.85	208.10
AUG 1986	92.50	15.75	108.25	39.05	4.05	43.10	131.55	19.80	151.35
% CHANGE									
SEP 1986:AUG 1986	+54.5	+21.0	+49.6	+3.3	+43.2	+7.1	+39.3	+25.5	+37.5
SEP 1985	158.60	16.35	174.95	62.20	6.80	69.00	220.80	23.15	243.95
% CHANGE									
SEP 1986:SEP 1985	-9.9	+16.5	-7.4	-35.1	-14.7	-33.1	-17.0	+7.3	-14.7
YEAR TO DATE 1986	1,222.90	152.70	1,375.60	481.10	41.10	522.20	1,704.00	193.80	1,897.80
YEAR TO DATE 1985	1,084.55	100.55	1,185.10	542.95	44.35	587.30	1,627.50	144.90	1,772.40
% CHANGE									
1986 : 1985	+12.8	+51.9	+16.1	-11.4	-7.3	-11.1	+4.7	+33.7	+7.1

Source: National Machine Tool Builders' Association



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)



DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 2,262.15	$ 265.95	$ 2,528.10	1,657.55	$ 2,291.45	$ 253.75	$ 2,545.20
1986							
JAN	$ 174.95	$ 15.80	$ 190.75	1,702.45	$ 124.85	$ 21.00	$ 145.85
FEB	$ 198.25	$ 12.15	$ 210.40	1,710.20	$ 185.65	$ 17.00	$ 202.65
MAR	$ 196.80	$ 17.80	$ 214.60	1,676.00	$ 219.30	$ 29.50	$ 248.80
APR	$ 169.25	$ 24.00	$ 193.25	1,659.70	$ 190.80	$ 18.75	$ 209.55
MAY	$ 177.00	$ 29.20	$ 206.20	1,636.35	$ 207.10	$ 22.45	$ 229.55
JUN	$ 190.55	$ 10.60	$ 201.15	1,525.60	$ 289.00	$ 22.90	$ 311.90
JUL	$ 135.30	$ 34.70	$ 170.00	1,505.55	$ 172.50	$ 17.55	$ 190.05
AUG	$ 139.00	$ 15.40	$ 154.40	1,508.60	$ 131.55	$ 19.80	$ 151.35
SEP (P)	$ 113.30	$ 21.45	$ 134.75	1,435.25	$ 183.25	$ 24.85	$ 208.10
9 MONTHS	$ 1,494.40	$ 181.10	$ 1,675.50		$ 1,704.00	$ 193.80	$ 1,897.80

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 2,433.30	$ 282.65	$ 2,715.95	$ 171.15	$ 16.70	$ 187.85
1986						
JAN	$ 180.65	$ 17.20	$ 197.85	$ 5.70	$ 1.40	$ 7.10
FEB	$ 214.85	$ 14.65	$ 229.50	$ 16.60	$ 2.50	$ 19.10
MAR	$ 203.35	$ 18.40	$ 221.75	$ 6.55	$ .60	$ 7.15
APR	$ 181.10	$ 24.45	$ 205.55	$ 11.85	$ .45	$ 12.30
MAY	$ 183.50	$ 29.50	$ 213.00	$ 6.50	$ .30	$ 6.80
JUN	$ 215.90	$ 15.20	$ 231.10	$ 25.35	$ 4.60	$ 29.95
JUL	$ 164.25	$ 35.30	$ 199.55	$ 28.95	$ .60	$ 29.55
AUG	$ 149.05	$ 16.50	$ 165.55	$ 10.05	$ 1.10	$ 11.15
SEP (P)	$ 143.45	$ 22.15	$ 165.60	$ 30.15	$ .70	$ 30.85
9 MONTHS	$ 1,636.10	$ 193.35	$ 1,829.45	$ 141.70	$ 12.25	$ 153.95

P - Preliminary
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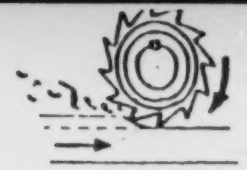

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 1,652.15	$ 200.95	$ 1,853.10	1,243.30	$ 1,548.50	$ 193.75	$ 1,742.25
1986							
JAN	$ 124.75	$ 10.25	$ 135.00	1,286.80	$ 74.05	$ 17.45	$ 91.50
FEB	$ 160.65	$ 7.95	$ 168.60	1,331.50	$ 109.50	$ 14.40	$ 123.90
MAR	$ 146.05	$ 13.85	$ 159.90	1,319.85	$ 148.20	$ 23.35	$ 171.55
APR	$ 118.30	$ 17.85	$ 136.15	1,303.90	$ 140.05	$ 12.05	$ 152.10
MAY	$ 118.50	$ 23.20	$ 141.70	1,273.15	$ 153.10	$ 19.35	$ 172.45
JUN	$ 145.65	$ 11.15	$ 156.80	1,185.15	$ 226.70	$ 18.10	$ 244.80
JUL	$ 99.25	$ 29.55	$ 128.80	1,164.85	$ 135.90	$ 13.20	$ 149.10
AUG	$ 108.60	$ 6.50	$ 115.10	1,171.70	$ 92.50	$ 15.75	$ 108.25
SEP (P)	$ 89.80	$ 10.20	$ 100.00	1,109.75	$ 142.90	$ 19.05	$ 161.95
9 MONTHS	$ 1,111.55	$ 130.50	$ 1,242.05		$ 1,222.90	$ 152.70	$ 1,375.60

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 1,769.20	$ 213.45	$ 1,982.65	$ 117.05	$ 12.50	$ 129.55
1986						
JAN	$ 129.30	$ 11.45	$ 140.75	$ 4.55	$ 1.20	$ 5.75
FEB	$ 165.70	$ 9.95	$ 175.65	$ 5.05	$ 2.00	$ 7.05
MAR	$ 150.55	$ 14.30	$ 164.85	$ 4.50	$ .45	$ 4.95
APR	$ 127.40	$ 18.25	$ 145.65	$ 9.10	$ .40	$ 9.50
MAY	$ 122.75	$ 23.45	$ 146.20	$ 4.25	$ .25	$ 4.50
JUN	$ 159.55	$ 11.95	$ 171.50	$ 13.90	$ .80	$ 14.70
JUL	$ 116.50	$ 30.10	$ 146.60	$ 17.25	$ .55	$ 17.80
AUG	$ 114.30	$ 7.55	$ 121.85	$ 5.70	$ 1.05	$ 6.75
SEP (P)	$ 110.25	$ 10.85	$ 121.10	$ 20.45	$ .65	$ 21.10
9 MONTHS	$ 1,196.30	$ 137.85	$ 1,334.15	$ 84.75	$ 7.35	$ 92.10

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 610.00	$ 65.00	$ 675.00	414.25	$ 742.95	$ 60.00	$ 802.95
1986							
JAN	$ 50.20	$ 5.55	$ 55.75	415.65	$ 50.80	$ 3.55	$ 54.35
FEB	$ 37.60	$ 4.20	$ 41.80	378.70	$ 76.15	$ 2.60	$ 78.75
MAR	$ 50.75	$ 3.95	$ 54.70	356.15	$ 71.10	$ 6.15	$ 77.25
APR	$ 50.95	$ 6.15	$ 57.10	355.80	$ 50.75	$ 6.70	$ 57.45
MAY	$ 58.50	$ 6.00	$ 64.50	363.20	$ 54.00	$ 3.10	$ 57.10
JUN	$ 44.90	$ -.55	$ 44.35	340.45	$ 62.30	$ 4.80	$ 67.10
JUL	$ 36.05	$ 5.15	$ 41.20	340.70	$ 36.60	$ 4.35	$ 40.95
AUG	$ 30.40	$ 8.90	$ 39.30	336.90	$ 39.05	$ 4.05	$ 43.10
SEP (P)	$ 23.50	$ 11.25	$ 34.75	325.50	$ 40.35	$ 5.80	$ 46.15
9 MONTHS	$ 382.85	$ 50.60	$ 433.45		$ 481.10	$ 41.10	$ 522.20

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 664.10	$ 69.20	$ 733.30	$ 54.10	$ 4.20	$ 58.30
1986						
JAN	$ 51.35	$ 5.75	$ 57.10	$ 1.15	$ .20	$ 1.35
FEB	$ 49.15	$ 4.70	$ 53.85	$ 11.55	$ .50	$ 12.05
MAR	$ 52.80	$ 4.10	$ 56.90	$ 2.05	$ .15	$ 2.20
APR	$ 53.70	$ 6.20	$ 59.90	$ 2.75	$ .05	$ 2.80
MAY	$ 60.75	$ 6.05	$ 66.80	$ 2.25	$ .05	$ 2.30
JUN	$ 56.35	$ 3.25	$ 59.60	$ 11.45	$ 3.80	$ 15.25
JUL	$ 47.75	$ 5.20	$ 52.95	$ 11.70	$ .05	$ 11.75
AUG	$ 34.75	$ 8.95	$ 43.70	$ 4.35	$ .05	$ 4.40
SEP (P)	$ 33.20	$ 11.30	$ 44.50	$ 9.70	$ .05	$ 9.75
9 MONTHS	$ 439.80	$ 55.50	$ 495.30	$ 56.95	$ 4.90	$ 61.85

P - Preliminary

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